



NIST Technical Note NIST TN 2252 sup

Supplement to

A Case Study of the Camp Fire

*Notification, Evacuation, Traffic, and
Temporary Refuge Areas (NETTRA)*

Alexander Maranghides
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This document contains supplementary material for NIST TN 2552 A Case Study of the Camp Fire—Notification, Evacuation, Traffic, and Temporary Refuge Areas (NETTRA). The report can be accessed in its entirety at <https://doi.org/10.6028/NIST.TN.2552>.

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Cover Page Photos

Left: Evacuation traffic on Skyway, 10:57 (Paradise Police Department)

Right: Civilians at the Optimo TRA, 12:07 (CAL FIRE)

Abstract

The 2018 Camp Fire in Butte County, California quickly impacted the communities of Concow, Paradise, and Magalia, triggering widespread evacuation of 40 000 people. The fire became the most deadly and destructive fire in California history, resulting in 85 fatalities and more than 18 000 destroyed structures. After a preliminary reconnaissance, it was determined that abundant data was available to support an in-depth case study of this devastating wildland-urban interface (WUI) fire, with the goal to learn and increase preparedness for future incidents. This portion of the greater case study focuses on the life safety aspects of the Camp Fire incident: notification, evacuation, traffic, temporary refuge areas, rescues, and fatalities (collectively, NETTRA). Over 2600 NETTRA observations and data points were integrated into a spatiotemporal database. Analysis of this data used the foundation of the previously reconstructed fire progression timeline to provide important context to the NETTRA components. Details and the timeline of requested evacuation notifications are presented with respect to fire progression. The evacuation timeline was assessed via traffic observations throughout the region. The rapid and widespread impact of fire on the communities complicated evacuation efforts due to high traffic volume, road closures due to fire and debris, and direct fire exposures to evacuating civilians in numerous burnover events. A total of 31 temporary refuge areas were implemented during the incident, involving more than 1200 civilians. Further, 198 specific evacuation assistance / rescue events were identified, involving at least 1000 civilians. The unique analysis and reconstruction of the NETTRA components of this WUI fire will help at-risk communities prepare for and respond to future incidents.

This appendix accompanies the main report and contains supporting and supplemental information. The main report may be accessed at <https://doi.org/10.6028/NIST.TN.2552>.

Keywords

burnover; California; community hazard reduction; disaster resilience; emergency notification; entrapment; evacuation; fire; Paradise; public safety; TRA; wildfire; wildland-urban interface; WUI

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Appendix A. NETTRA Data

This appendix contains a list of all NETTRA (notification, evacuation, traffic, TRA, rescue, and fatality) observation data points collected in this study.¹ Details of the data collection and analysis methodologies can be found in Sec. 3 of the main body of the report. Each point is defined by the attributes listed in Table A-1, describing the time, location, source, and NETTRA category of each observation.

Table A-1. NETTRA data attributes.

Attribute	Definition
Time	Date and time that an observation occurred, or start time of a duration
Observation Window	Duration of an observation or possible time window in which the observation occurred
Time Source	How the time of observation was determined
Latitude, Longitude	Geographic location of the observation (may be different than the location of the observer)
Location Source	How the location was determined
NETTRA Observations	Description of the observation
Information Category	Check box indicating the NETTRA-related category the observation pertains to
Source #	Source identification number
Information Source	How the information was determined (e.g., verbally from the TD, visually from a photo or video, or from radio log audio or transcripts)

Data points are listed in Table A-2, sorted by the time of observation. Marks indicate which NETTRA categories each data point is related to, including blocked roadways (Rd Block), abandoned vehicles (AV), traffic conditions (Traffic), emergency notifications (Notif), evacuation (Evac), rescues (Rescue), or temporary refuge areas (TRA).

¹ Some data points appear to be duplicates. This occurs when similar observations were made by different sources and/or multiple photographs were taken at the same time or in quick succession. In other cases, such as for evacuation notifications, a single description applies to multiple geographic locations.

The following acronyms and abbreviations are used throughout the NETTRA data point descriptions.

AV
abandoned vehicle, identified in Appendix H

BTU
CAL FIRE Butte Unit

CHP
California Highway Patrol

Evac.
evacuate/evacuation

EOC
Emergency Operations Center

FS
Fire Station

POV
personally owned vehicle

DPW
Department of Public Works

Disp.
dispatch

ECC
Emergency Communications Center

FF
firefighter

FRH
Feather River Hospital

LE
law enforcement

LEO
law enforcement officer

LMU
CAL FIRE Lassen-Modoc Unit

NB, SB, EB, WB
northbound, southbound, eastbound, westbound

NEU
CAL FIRE Nevada-Yuba-Placer Unit

Oro.
Oroville, referring to the Emergency
Communications Center (ECC) or dispatch

PA
public address system or speaker

PD
police department

PG&E
Pacific Gas and Electric

PPD
Paradise Police Department

SHU
CAL FIRE Shasta-Trinity Unit

VIPS
Volunteers in Police Service, a program where
citizens volunteer to provide support to the Paradise
Police Department

Table A-2. NETTRA data.

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	04:30	83	AVL	39.805683	-121.579067	AVL	on scene for [utility] lines down; flagged but didn't cut. Very, very windy	×							TD-062	TD
11/8	06:30	1439	Inferred	39.764016	-121.524375	TD	civilians had rescued man from lake					×			TD-140	TD
11/8	06:30	1439	Inferred				CodeRed; 1/8 people say they got mass notification				×				VTD-19	video
11/8	06:30	1439	Inferred				call logs show CodeRed was overwhelmed; 16 minutes to call phones in Zones 2, 6, 7, and 13; (08:32-08:48)				×				VTD-19	video
11/8	06:30	1439	Inferred				CodeRed failed to reach 1/3 (1604 in the first 4 zones were never reached); rate got worse as lines burned				×				VTD-19	video
11/8	06:30	1439	Inferred				Emergency Alert System (EAS) for TV and radio, Wireless Emergency Alerts (WEA) for cell phones; ran by FEMA, FEMA said no alerts were ordered				×				VTD-19	video
11/8	06:45	0	Radio Log	39.803436	-121.449475	Radio Log	E2161: "Have 2176 go into the community of Pulga and evacuate it. Maybe a possibility of getting an early up on aircraft?"				×				VTD-32	Radio Log
11/8	06:46	976	AVL	39.803302	-121.449305	AVL	Knocked on doors, evacuated about 4 people; BCSO arrived later. Saved structures and patrolled Pulga. Mopped up canyon in Pulga.				×	×			TD-029	TD
11/8	06:51	0	Radio Log	39.803475	-121.449534	Radio Log	"En route to Pulga area, outside assist to CAL FIRE for evacuations. They advised on Pulga Rd right now only, and CAL FIRE is en route to set up a staging area; there's not one yet. They said it's near the Poe Dam area." — "10-4, I'll be en route code 3 from Chico." — "County copies. 48, 50, 027 en route."				×				VTD-32	Radio Log
11/8	06:54	0	Radio Log	39.803556	-121.449752	TD	request evacuation for Pulga; E2164 evacuated 4 civilians from Pulga				×	×			TD-028	TD
11/8	06:55	0	Radio Log	39.803269	-121.449191	Radio Log	Oro: "BCSO is inquiring if evacuations for the Pulga area can be considered mandatory and if there is anywhere else you would like to extend that to?" — E2161: "Mandatory for Pulga right now. We have quite a bit of country for it to cover before it gets into the Jarbo Gap area. So, let's make it mandatory for Pulga with them being ready at a moment's notice for the rest of the community [...] Stage everything at Scooters on Hwy 70."				×				VTD-32	Radio Log
11/8	07:00	0	TD	39.809905	-121.437802	Origin	see the 06:51 tweet from CAL FIRE about 10-acre fire (https://twitter.com/CALFIRE_ButteCo/status/1060545422651883520)				×				TD-300	TD
11/8	07:00	60	TD	39.752242	-121.615537	TD	Pearson Rd to Black Olive Dr to PPD; regular pre-morning traffic; windy			×					TD-073	TD
11/8	07:00	60	Inferred	39.753272	-121.552584	TD	communities in Concow and Jordan Hill are being evacuated				×	×			TD-054	TD
11/8	07:00	60	Inferred	39.785615	-121.505466	TD	communities in Concow and Jordan Hill are being evacuated				×	×			TD-054	TD
11/8	07:06	4	AVL	39.745232	-121.493503	AVL	see two kids (estimate age 8 or 9) on way to school; advise to go home and tell parents of fire and evacuate				×	×			TD-062	TD
11/8	07:07	0	Radio Log	39.745232	-121.493503	AVL TD-062	"When you come up Andy Mtn [Rd] you've got two little kids walking in the road."				×				VTD-32	Radio Log
11/8	07:07	0	Radio Log	39.803314	-121.449212	Radio Log	LE: "First units go right straight to Pulga and start evacuations. I'll [unintelligible] to Scooters."				×				VTD-32	Radio Log
11/8	07:07	0	Photo	39.715250	-121.521570	Photo	no vehicles visible			×					TD-013	Photo
11/8	07:08	0	911-014-1				fire up on ridge, "...Oh, I'm not evacuating anywhere..." [caller located in Concow]				×	×			911-014-1	911-014-1
11/8	07:08	0	Photo	39.713731	-121.522316	Photo	no vehicles visible			×					TD-103	Photo
11/8	07:12	17	AVL	39.785615	-121.505466	TD	Staged at Scooters; instructed by B2119 to head to Concow for evacuations				×	×			TD-103	TD
11/8	07:14	0	911-018-1	39.793370	-121.496391	911-018-1	Yankee Hill, dispatch recommend evacuate if feel threatened				×				911-018-1	911-018-1
11/8	07:16	0	911-022-1	39.785655	-121.505675	Inferred	BCSO inquiry about evacuations in Concow				×				911-022-1	911-022-1

A-3

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	RD Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source		
11/8	07:16	0	Radio Log	39.740180	-121.496136	Radio Log	LE?: "Got off the phone with dispatch, I advised them to make sure they get that CodeRed done. They're going to be accessing the SNAP [Special Needs Assistance Program] list for anybody that needs help up there getting out. They're also going to be calling in S&R to help with evacs as well as comm reserve for communications. Next priority as we're doing Pulga is to check and see if we need to do any kind of warning in the Jarbo Gap/Concow area." — "From the looks of that we need to start that process now." — "Just pulling in now [to IC, will coordinate with Fire]."				×					VTD-32	Radio Log	
11/8	07:16	0	Radio Log	39.803201	-121.449000	Radio Log	LE?: "Got off the phone with dispatch, I advised them to make sure they get that CodeRed done. They're going to be accessing the SNAP [Special Needs Assistance Program] list for anybody that needs help up there getting out. They're also going to be calling in S&R to help with evacs as well as comm reserve for communications. Next priority as we're doing Pulga is to check and see if we need to do any kind of warning in the Jarbo Gap/Concow area." — "From the looks of that we need to start that process now." — "Just pulling in now [to IC, will coordinate with Fire]."				×						VTD-32	Radio Log
11/8	07:16	0	Radio Log	39.785562	-121.505279	Radio Log	LE?: "Got off the phone with dispatch, I advised them to make sure they get that CodeRed done. They're going to be accessing the SNAP [Special Needs Assistance Program] list for anybody that needs help up there getting out. They're also going to be calling in S&R to help with evacs as well as comm reserve for communications. Next priority as we're doing Pulga is to check and see if we need to do any kind of warning in the Jarbo Gap/Concow area." — "From the looks of that we need to start that process now." — "Just pulling in now [to IC, will coordinate with Fire]."				×						VTD-32	Radio Log
11/8	07:17	0	911-1010-2	39.785627	-121.505649	Inferred	Caller: "We live in Concow and there is ash falling on us." — Disp: "They will let you know if you need to evacuate."				×					911-1010-2	911-1010-2	
11/8	07:17	0	Radio Log	39.803188	-121.449143	Radio Log	Oro: "Camp IC, BCSO is inquiring if you'd like to update the evacuation. Currently they have a mandatory evacuation for Pulga and that's it." — IC: "That's it for now. For now, I have 2107 going in to check out Concow. I'll reassess in about 10 minutes. I'll get back to you... You can tell them we'll likely be doing an evacuation warning in the Concow area."				×						VTD-32	Radio Log
11/8	07:17	0	Radio Log	39.786880	-121.507763	Radio Log	Oro: "Camp IC, BCSO is inquiring if you'd like to update the evacuation. Currently they have a mandatory evacuation for Pulga and that's it." — IC: "That's it for now. For now, I have 2107 going in to check out Concow. I'll reassess in about 10 minutes. I'll get back to you... You can tell them we'll likely be doing an evacuation warning in the Concow area."				×						VTD-32	Radio Log
11/8	07:18	0	911-024-1	39.785655	-121.505675	Inferred	evacs are starting to happen, per 911 operator				×					911-024-1	911-024-1	
11/8	07:21	0	Radio Log	39.803328	-121.449444	Radio Log	IC: "Advise the Sheriff that Pulga has been evacuated by engine personnel. If they can meet me at Scooters and then other [BCSO] resources start going toward the Concow area. We're probably going to have an evacuation in the Camelot area."					×					VTD-32	Radio Log
11/8	07:21	0	Radio Log	39.787653	-121.510263	Radio Log	IC: "Advise the Sheriff that Pulga has been evacuated by engine personnel. If they can meet me at Scooters and then other [BCSO] resources start going toward the Concow area. We're probably going to have an evacuation in the Camelot area."					×					VTD-32	Radio Log
11/8	07:22	0	Radio Log	39.787653	-121.510263	Radio Log	Oro: "Would you like any evacuation warnings issued for the Concow area?" — IC: "Affirmative. We're working on an exact area for an immediate vs. a warning."				×						VTD-32	Radio Log
11/8	07:22	0	Photo	39.744701	-121.524526	Photo	no vehicles visible			×							TD-027	Photo
11/8	07:22	0	Photo	39.745388	-121.524055	Photo	no vehicles visible			×							TD-027	Photo
11/8	07:25	0	TD	39.783709	-121.505515	TD	ECC receiving reports of people trapped in Concow before 07:25						×				TD-008	TD
11/8	07:25	0	Facebook	39.749571	-121.634197	TD	first post on Town of Paradise Facebook page about 50 ac [20 ha] fire in Pulga				×						TD-011	Facebook
11/8	07:25	0	Radio Log				O1: "Regard to personnel... call in overtime personnel. I don't know if 17 advised yet, contact local agencies for mutual aid, we're going to be contacting Shasta County for the same thing." — Disp: "Investigations is en route Code 3 from the office as well."				×						VTD-32	Radio Log

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TFA	Source #	Info. Source	
11/8	07:25	17	AVL	39.748628	-121.586253	TD	O1: "Just be ready to call in people who are off duty right now so that we can get immediate help if we need to start evacuating Concow." travel Pearson Rd, Pentz Rd, CA-70, to Yankee Hill Hardware [ICP]; civilians watching the smoke column									TD-009	TD
11/8	07:27	0	Radio Log	39.649847	-121.559463	Radio Log	IC: "We need to shut down Hwy 70 at Pentz [Rd] and 70, and at the upper end by Belden. And standby for resource order."	×	×							VTD-32	Radio Log
11/8	07:27	0	Radio Log	40.007036	-121.249547	Radio Log	IC: "We need to shut down Hwy 70 at Pentz [Rd] and 70, and at the upper end by Belden. And standby for resource order."	×	×							VTD-32	Radio Log
11/8	07:29	0	Radio Log	39.649847	-121.559463	Radio Log	LE is shutting down traffic at Pentz Rd [northbound from CA-70]	×	×							VTD-32	Radio Log
11/8	07:30	0	911-037-1	39.789147	-121.516244	911-037-1	Disp: "go ahead and evacuate please"				×					911-037-1	911-037-1
11/8	07:30	0	TD	39.857595	-121.607819	TD	called [relative] in Magalia to evacuate; [they] left to the north				×					TD-058	TD
11/8	07:30	0	Radio Log	39.786245	-121.508128	Radio Log	Disp: "All incoming law enforcement units report to Concow to assist with evacuations."				×					VTD-32	Radio Log
11/8	07:30	15	Inferred	39.764196	-121.519764	TD	civilians tailgating behind, heading back into Concow trying to get home; visibility okay			×						TD-110	TD
11/8	07:30	25	TD	39.749543	-121.634163	TD	Paradise Public Works conference call to begin coordinating evacuation preparations					×				TD-011	TD
11/8	07:30	30	Inferred	39.735414	-121.610263	TD	hook up evacuation trailers at the corporation yard					×				TD-035	TD
11/8	07:32	0	Radio Log	39.776944	-121.575230	TD	hear on radio about request of evacuation [warning] for Pentz Rd				×					TD-009	TD
11/8	07:32	0	Radio Log	39.767609	-121.576525	Radio Log	IC: "Additionally, we're going to have an evacuation warning along the west side [sic] of Pentz Rd in Paradise."				×					VTD-32	Radio Log
11/8	07:32	17	AVL	39.745232	-121.493503	AVL	try to evacuate civilians in area via PA; they had already received notifications to evacuate				×	×				TD-062	TD
11/8	07:34	0	Radio Log	39.767609	-121.576525	Radio Log	LE Disp: "CAL FIRE just told me they're asking for evacuation warning for the west side [sic] of Paradise, Pentz Rd."				×					VTD-32	Radio Log
11/8	07:35	0	911-044-1	39.908125	-121.528585	911-044-1	downed powerline blocking Skyway between Slate St and Lava St, already called PG&E	×								911-044-1	911-044-1
11/8	07:36	0	911-046-1	39.792422	-121.510804	911-046-1	trying to escape					×				911-046-1	911-046-1
11/8	07:36	0	Photo	39.842101	-121.597905	Photo	3 vehicles NB			×						TD-040	Photo
11/8	07:37	0	Radio Log	39.786969	-121.509319	Radio Log	Oro to IC: "Confirming you'd like to advise BCSO to make evacuations mandatory for Concow?" — IC: "Affirmative."				×					VTD-32	Radio Log
11/8	07:39	0	911-049-1	39.774212	-121.573300	911-049-1	evacs starting in Paradise?				×					911-049-1	911-049-1
11/8	07:39	0	911-1020-5				Caller: "At what point should we—" — Disp: "When you get notified."				×					911-1020-5	911-1020-5
11/8	07:39	0	911-1020-7	39.769365	-121.574203	911-1020-7	Caller: "Are we supposed to be evacuated or what?" — Disp: "No, you'll be notified. There's a fire north of Concow on Hwy 70." — C: "Well, it says evacuation on the west side of Pentz Rd." — Disp: "What says that?" — C: "Butte Fire" — Disp: "Okay, we haven't been notified of that." [generic Pentz Rd location]				×					911-1020-7	911-1020-7
11/8	07:39	0	Radio Log	39.788758	-121.509587	Radio Log	LE: "Myself and 27 are doubled. We're out at that 3979 Windermere address and then we'll start in Camelot from there."				×	×				VTD-32	Radio Log
11/8	07:40	10	Inferred	39.786270	-121.505505	TD	wind blowing hard; multiple vehicles leaving Concow			×						TD-013	TD
11/8	07:40	20	Inferred	39.783240	-121.518809	TD	using PA yelling to evacuate all along Hoffman Rd, back and forth				×					TD-013	TD
11/8	07:41	0	911-051-1	39.797656	-121.583695	TD	dispatched to medical on Gate Ln						×			TD-021	TD
11/8	07:41	0	911-051-1	39.797621	-121.583719	911-051-1	medical emergency						×			911-051-1	911-051-1

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	07:42	0	TD	39.525100	-121.568633	AVL	call to set up county EOC; command center, refuge shelters				×			×	TD-007	TD
11/8	07:43	0	Inferred	39.709208	-121.724115	TD	Driving up Skyway, can feel slight wind on the bus but not moving it; not much traffic; 7 or 8 passengers on bus			×					TD-058	TD
11/8	07:43	0	Radio Log	39.800431	-121.580861	Radio Log	LE will start at Pentz Rd and Skyway and work south to advise Pentz Rd area of evacuation warning				×				VTD-32	Radio Log
11/8	07:45	0	911-055-1	39.762140	-121.555528	Inferred	Disp: "If you feel threatened, please evacuate." — Caller: "We are, thank you."				×	×			911-055-1	911-055-1
11/8	07:45	0	TD	39.749539	-121.634169	TD	arrive at Town Hall; eastern zones already being evacuated				×	×			TD-025	TD
11/8	07:45	4	AVL	39.776592	-121.508305	AVL	[TD-110] driving out of Concow; says engine must get in there; tons of cars are coming out - worried about potential vehicle accident - engine stays put; fire expanding around			×					TD-103	TD
11/8	07:45	4	AVL TD-103	39.780886	-121.505323	TD	escort 3 civilian vehicles through dense smoke through curve back to flank					×			TD-110	TD
11/8	07:45	15	TD	39.747757	-121.572441	TD	at Pentz Rd and Pearson Rd; Pentz Rd is gridlocked SB (no contraflow yet) [gridlock may be confined to intersection only], Pearson Rd still moving slowly; visibility was okay			×					TD-036	TD
11/8	07:45	15	Inferred	39.775503	-121.580525	TD	drive back to home to get wife; kids were already to school - sent her back to pick them up; Ponderosa ES still taking in kids; wife told the school to evacuate when picking up kids				×	×			TD-100	TD
11/8	07:45	25	TD	39.733608	-121.568046	TD	instructed 9 neighbors to pack up and evacuate				×				TD-037	TD
11/8	07:46	0	Radio Log	39.767104	-121.576020	Radio Log	IC: "We're extending the mandatory evacuation zone to east of Pentz Rd in Paradise. So that'd be Zones 3, 8, 14, and Lower Pentz. So, everything east of Pentz Rd and north of Hwy 70 is a mandatory evacuation zone."				×				VTD-32	Radio Log
11/8	07:46	0	911-059-1	39.907446	-121.528349	911-059-1	school bus reporting powerline down in Sterling City, Skyway at Lava St	×							911-059-1	911-059-1
11/8	07:47	0	Radio Log	39.767104	-121.576020	Radio Log	17: "Mandatory evacuations, everything east of Pentz Rd in Paradise." — Disp: "So the town of Paradise itself?" — 17: "Affirmative at this point."				×				VTD-32	Radio Log
11/8	07:49	0	911-065-1	39.793848	-121.575002	911-065-1	Disp: "We've actually issued evacuations for your area"				×				911-065-1	911-065-1
11/8	07:49	0	911-065-5	39.757958	-121.588614	911-065-5	see and smell smoke; advised to evacuate immediately				×				911-065-5	911-065-5
11/8	07:49	7	AVL	39.781743	-121.505542	AVL	car wrecks into ditch; car on fire. Civilian jumps out the window and into the engine. Hair is singed					×	×		TD-103	TD
11/8	07:50	0	Radio Log	39.791581	-121.500309	Radio Log	58?: LE working to find access to Green Forest Ln; 13471 Green Forest Ln, cross of Concow Rd. "Be advised, traffic on Concow Rd is getting plugged up with emergency vehicles and people trying to evacuate."						×		VTD-32	Radio Log
11/8	07:50	0	Radio Log	39.785653	-121.505598	Inferred	58?: LE working to find access to Green Forest Ln; 13471 Green Forest Ln, cross of Concow Rd. "Be advised, traffic on Concow Rd is getting plugged up with emergency vehicles and people trying to evacuate."			×					VTD-32	Radio Log
11/8	07:51	0	911-072-1	39.757029	-121.571322	911-072-1	Butte County Med planning ahead anticipating evacuation of Feather River Hospital				×	×			911-072-1	911-072-1
11/8	07:51	0	Radio Log	39.788292	-121.576252	Radio Log	PPD 12: "14, also, a report of a fire has just started up from smoke in the ground at the east end of Apple View off of Pentz Rd..." — 14: "We've got large chunks of ash and debris into the back lot of PD." — 12: "It sounds like CAL FIRE is advising people to evacuate from the end of Apple View down at Noble Orchard."				×				VTD-32	Radio Log
11/8	07:52	0	911-1027-3	39.755896	-121.605818	911-1027-3	raining ashes; advised to stay close to phone for notifications				×				911-1027-3	911-1027-3
11/8	07:52	0	Radio Log	39.794114	-121.501830	Radio Log	13526 Green Forest; entrapment cannot escape due to fire [911-075-1]						×		VTD-32	Radio Log
11/8	07:52	0	Radio Log	39.788758	-121.509587	Radio Log	"Still trying to get to 3972 Windermere [sic]. It's extremely smoky. Quite a bit of fire down here. Most of it's in the low brush and the grass, there's not anything up in the tall trees yet."				×	×			VTD-32	Radio Log

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	07:53	0	Inferred	39.788232	-121.531190	TD	turn around at Hog Ranch Rd; resident here refusing to leave				×				TD-013	TD
11/8	07:53	0	Radio Log	39.790695	-121.498909	Radio Log	DIV D going to head toward Green Forest Ln; requesting any available resources to Concow						×		VTD-32	Radio Log
11/8	07:53	7	Inferred	39.786937	-121.522000	TD	burned civilian standing in roadway; put him in back seat						×		TD-013	TD
11/8	07:53	7	Inferred	39.782613	-121.517135	TD	woman in pajamas in roadway; stated that grandmother was at home; pick up woman into back seat; can't see because poor visibility						×		TD-013	TD
11/8	07:54	0	Radio Log	39.716212	-121.521108	Radio Log	LE: "93 will start traffic detail at Concow Rd and Hwy 70"	×		×					VTD-32	Radio Log
11/8	07:54	0	Photo	39.684293	-121.539444	Photo	1 vehicle WB			×					TD-115	Photo
11/8	07:55	0	Radio Log	39.749521	-121.634132	Radio Log	IC: Zones 3, 8, 14 mandatory. Zone 13, 7, 2 all evacuation warning				×				VTD-32	Radio Log
11/8	07:55	0	Radio Log	39.787234	-121.510081	Radio Log	48: "I might not be able to get out of Camelot. Winds are too strong. There's fire on the roadways all around us. [...] fire safety zone which is a large open area on Camelot Ln. I think that's the only shot we got right now."			×		×	×	×	VTD-32	Radio Log
11/8	07:55	14	AVL	39.752128	-121.528028	AVL	line of evacuees heading out			×					TD-062	TD
11/8	07:57	0	BCSO	39.798129	-121.580125	TD	CodeRed call				×				TD-042	TD
11/8	07:57	0	Radio Log	39.787234	-121.510081	Radio Log	"I'm at that spot now... waiting for the grass to burn off. Once it's burned off, I'm going to move all these people and we're going to go sit out in the black in our cars. I think we'll be alright."			×		×	×	×	VTD-32	Radio Log
11/8	07:57	9	AVL	39.773817	-121.872650	AVL	bumper to bumper traffic in Chico on CA-99; Eaton Ave to Cohasset Rd			×					TD-086	AVL, TD
11/8	07:58	0	911-086-2	39.787071	-121.509871	911-086-2	BCSO 48 with group of civilians in Camelot safety zone and sheltering in vehicles					×	×	×	911-086-2	911-086-2
11/8	07:58	10	Inferred	39.761994	-121.588954	TD	FS 82 to Sawmill Rd to Bille Rd; no significant traffic			×					TD-022	TD
11/8	07:58	35	Radio Log	39.788310	-121.576713	TD	find spot fire 20 ft × 20 ft [6 m × 6 m] in apple orchard; lay out hose, put out initial fire; no other fire visible; homeowner present				×				TD-021	TD
11/8	07:59	0	911-1032-1	39.797742	-121.579090	911-1032-1	C: "Evacuation on Pentz Rd, am I involved?" — Disp: "Stardust [Ln]? You should evacuate."				×				911-1032-1	911-1032-1
11/8	08:00	0	911-1034-2	39.783199	-121.576113	Inferred	spot fire in field behind house, with shovel to put it out; alerting neighbors				×				911-1034-2	911-1034-2
11/8	08:00	0	911-1035-6	39.749513	-121.634117	911-1035-6	Butte County Fire: "we've just issued mandatory evacuations for the entire town of Paradise"				×				911-1035-6	911-1035-6
11/8	08:00	0	TD	39.749559	-121.634170	TD	Town Manager formally notified about fire				×				TD-011	TD
11/8	08:00	0	TD	39.749524	-121.634133	TD	EOC was activated by Town Manager; text message				×				TD-042	TD
11/8	08:00	0	TD	39.759491	-121.606635	TD	Clark Rd is backed up, stopped; traffic everywhere is heavy, drove on sidewalks			×					TD-074	TD
11/8	08:00	0	Inferred	39.798129	-121.580125	TD	instruct wife to evacuate				×				TD-042	TD
11/8	08:00	0	Inferred	39.784056	-121.509764	TD	four civilians running WB on Hoffman Rd at low water crossing, beard a bit on fire; clothing is burned; civilians advise road ahead is blocked by fire; civilians jump into creek; visibility 0 m to 2 m (0 ft to 7 ft), black						×	×	TD-013	TD
11/8	08:00	0	Inferred	39.784056	-121.509764	TD	park on low water crossing; 10 to 15 vehicles of civilians trying to evacuate are stuck in line behind, up Hoffman Rd						×	×	TD-013	TD
11/8	08:00	0	Radio Log	39.754423	-121.595763	TD	had heard of evacuation order; did not take kids to school				×				TD-112	TD
11/8	08:00	0	TD				local news notification on phone that "Paradise being evacuated"				×				TD-300	TD
11/8	08:00	0	911-089-1	39.787071	-121.509871	911-089-1	BCSO shelter in place in Camelot					×	×	×	911-089-1	911-089-1

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:00	0	911-090-1	39.783964	-121.506923	VTD-32	Disp1: "...with a fire transfer...house is on fire she can't get her mom out. They're on Hoffman Rd. And she's gone away from the phone now." — Disp2: "And she says she has an entrapment?" — "Yeah." — "Okay, we'll get them out there."						×		911-090-1	911-090-1
11/8	08:00	0	911-1035-7	39.782937	-121.575702	911-1035-7	needs assistance evacuating, no transportation					×	×		911-1035-7	911-1035-7
11/8	08:00	15	TD	39.759567	-121.588977	TD	wife has trouble getting down Elliott Rd			×					TD-069	TD
11/8	08:00	15	Inferred	39.749559	-121.634170	TD	saw "Butte County public information" [social media group] about evacuations in Zones 3, 8, 14, Morgan Ridge				×				TD-011	TD
11/8	08:00	17	Inferred	39.783767	-121.510606	TD	vehicles behind are catching fire; [TD-027] goes to evacuate people from vehicles using fire shelters as shields, 4 trips back and forth to grab people; cannot make it back to all vehicles; hard to breathe						×	×	TD-013	TD
11/8	08:00	25	Inferred	39.784056	-121.509764	TD	28 to 30 civilians in the creek at the rock wall; 4 or 5 vehicles are burning; wind from the north						×	×	TD-013	TD
11/8	08:00	30	Inferred	39.753837	-121.628671	TD	up Skyway to Pearson Rd; traffic all normal			×					TD-116	TD
11/8	08:00	30	Inferred	39.783496	-121.592403	TD	rescue multiple elderly civilians from mobile homes; some do not drive; door to door						×		VTD-09	video
11/8	08:00	60	Inferred	39.642272	-121.716174	TD	CA-99 was closed	×		×					TD-046	TD
11/8	08:00	60	Inferred				CHP not allowing inbound traffic, but was allowed through roadblock	×		×					TD-046	TD
11/8	08:00	60	Inferred	39.719035	-121.516348	TD	touch base with PPD to meet at hardware [ICP], but never arrived; BCSO began evacuations in Paradise as well				×	×			TD-018	TD
11/8	08:00	60	Inferred	39.803159	-121.476029	TD	BCSO sergeant had already started evacuating Pulga and Concow				×	×			TD-018	TD
11/8	08:00	60	Inferred	39.757748	-121.571155	video	Feather River Hospital; nurses, doctors taking patients in POV's, taking car seats out of vehicles and leaving them behind; got stuck on Pearson Rd, abandoned vehicle, could not see, stumbled into a fire engine, got inside					×			VTD-25	video
11/8	08:00	145	Inferred	39.755207	-121.596053	TD	knocked on neighbor's door; advised them to evacuate. Neighbor disagreed about information, but eventually was convinced to leave				×	×			TD-112	TD
11/8	08:00	150	TD	39.753787	-121.624052	TD	answer phones at PPD for 1.5 to 2 hours until phones die				×				TD-073	TD
11/8	08:00	200	TD	39.759491	-121.606635	TD	Directing all traffic SB on Clark Rd; WB Elliott Rd directed into two lanes SB Clark Rd; 3 lanes SB Clark Rd go through [5 lanes total SB]; one lane SB Clark Rd directed onto WB Elliott Rd			×					TD-074	TD
11/8	08:00	200	TD	39.759491	-121.606635	TD	some vehicles trying to go north occasionally			×					TD-074	TD
11/8	08:00	200	TD	39.759491	-121.606635	TD	put pedestrians into random vehicles going out of town					×			TD-074	TD
11/8	08:00	200	TD	39.759491	-121.606635	TD	some vehicles running out of fuel								TD-074	TD
11/8	08:00	200	TD	39.759491	-121.606635	TD	when heard Clark Rd was blocked, sent traffic WB on Elliott Rd			×					TD-074	TD
11/8	08:01	0	Radio Log	39.783964	-121.506923	Radio Log	Oro to IC: "Structure fire with possible entrapment, 3943 Hoffman Rd" [911-090-1]						×		VTD-32	Radio Log
11/8	08:01	0	Radio Log	39.787234	-121.510081	Radio Log	"Ten cars here, holding pretty good right now; all of our vehicles are parked in the black, we're just waiting it out. Everything around us is burned. I think we're going to be alright."					×	×	×	VTD-32	Radio Log
11/8	08:01	0	Radio Log	39.749545	-121.634175	Radio Log	Camp IC requesting expansion of mandatory evacuation to include zone 2, 7, 13, Morgan Ridge; everything west of that will be an evacuation warning				×				VTD-32	Radio Log
11/8	08:01	29	AVL	39.776259	-121.508022	AVL	Parked at Concow Rd and Cribbage Ln; flame front too intense to pass, burning vehicles in road. Crown, timber, brush 10 ft to 15 ft (3 m to 4.5 m), 60 ft to 80 ft (18 m to 24 m) flames	×							TD-008	TD
11/8	08:02	15	PPD video	39.755087	-121.569543	PPD video	1919 Lowry Ln, spot fire coming up from canyon; windy. No civilians, check other structures for residents				×				TD-063	TD, PPD video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:03	0	911-097-1	39.782604	-121.570423	911-097-1	Disp: "I want you to go ahead and evacuate. We are aware that there's a whole lot of fire in the area. Please evacuate immediately."				×				911-097-1	911-097-1
11/8	08:04	0	911-098-1	39.769217	-121.576368	Inferred	Disp: "Ma'am there's fire everywhere please just evacuate. The mandatory evacuations are in effect for all of Paradise."				×				911-098-1	911-098-1
11/8	08:04	0	911-098-2	39.749563	-121.634185	Inferred	Disp: "The entire town of Paradise is under mandatory evacuation. Please leave immediately."				×				911-098-2	911-098-2
11/8	08:04	0	Radio Log	39.749521	-121.634132	Radio Log	PPD: "all units be advised; the town of Paradise is under a mandatory evacuation"				×				VTD-32	Radio Log
11/8	08:04	0	Photo	39.815444	-121.582313	Photo	possible traffic backed up SB almost to dam			×					TD-040	Photo
11/8	08:04	3	AVL	39.757957	-121.852047	AVL	congestion on CA-99 in Chico (estimated between Lassen Ave and Cohasset Rd)			×					TD-084	AVL, TD
11/8	08:05	0	TD	39.783556	-121.573969	TD	quickly packed up; received reverse 911 call				×	×			TD-024	TD
11/8	08:05	0	TD	39.785070	-121.573498	TD	PPD is in area telling people to evacuate				×				TD-024	TD
11/8	08:05	40	Inferred	39.737280	-121.610402	TD	hook up both evacuation trailers (one Town and one County trailer)					×			TD-034	TD
11/8	08:05	40	Inferred	39.752262	-121.607766	TD	set up evacuation route sign at Clark Rd and Pearson Rd directing traffic from Pearson Rd to Skyway					×			TD-032	TD
11/8	08:06	0	911-1042-1	39.778428	-121.577093	911-1042-1	evacuation assistance					×	×		911-1042-1	911-1042-1
11/8	08:06	0	Photo	39.784043	-121.509736	Photo	estimate 40 civilians, maybe more, with [TD-013] at Hoffman Rd						×	×	TD-027	Photo
11/8	08:06	0	Photo	39.765664	-121.518721	Photo	describe vehicle driving on flat tire			×		×			TD-027	Photo
11/8	08:06	0	Photo	39.766590	-121.518412	Photo	view of Concow Reservoir and 1 vehicle parked on side of road and unmarked LE SUV			×					TD-027	Photo
11/8	08:06	0	Photo	39.481649	-121.575496	Photo	light traffic both directions			×					TD-209	Photo
11/8	08:07	0	Radio Log	39.783995	-121.509690	Radio Log	People in creek on Hoffman Rd with [TD-013], deployed shelters to shield civilians						×	×	TD-008	TD
11/8	08:07	0	Inferred	39.787350	-121.510226	Radio Log	40 evacuees at Camelot Meadow with BCSO						×	×	TD-008	TD
11/8	08:07	0	Facebook	39.755444	-121.606464	TD	Achieve Charter HS is being evacuated; don't know how school was notified				×	×			TD-112	TD
11/8	08:07	0	Radio Log	39.784056	-121.509764	TD	relay information: T2107 trapped on Hoffman Rd with multiple residents taking refuge in creek						×	×	TD-013	Radio Log
11/8	08:07	0	911-101-1	39.773742	-121.506879	911-101-1	vehicle accident with injury						×		911-101-1	911-101-1
11/8	08:07	0	Photo	39.784043	-121.509736	Photo	corresponds to radio log at 08:07, multiple residents trapped on Hoffman Rd, refuge in creek with T2107							×	TD-027	Photo
11/8	08:08	0	911-1044-1	39.778428	-121.577093	911-1044-1	reports of multiple residents in Ridgewood MHP [Mobile Home Park] needing evacuation assistance; no units available for response; resident was advised to go wake up neighbors				×	×	×		911-1044-1	911-1044-1
11/8	08:08	0	Photo	39.784043	-121.509736	Photo	DIV D: "If it doesn't get any hotter in here, I think we'll be alright. But we're going to need some help getting the road cleared on Hoffman Rd. There are trees that fell across it. We can't get out."	×					×	×	TD-027	Photo
11/8	08:08	0	Photo	39.777233	-121.509217	Photo	2162: "On our way to your location. We were stopped by heavy fire and smoke. No, we are staging at Tweedy Ln, if you need us, we can probably see if we can make it that way."	×							TD-027	Photo
11/8	08:08	28	Inferred	39.788570	-121.576044	TD	spot is 1 ac to 1.5 ac (0.4 ha to 0.6 ha); wind 40 mi/h (18 m/s); cutting limbs and trees; hose lines; E81, E82, E33, WT31 present; instructing bystanders to evacuate; no embers from main fire, just from orchard				×				TD-040	TD
11/8	08:09	0	911-1046-4	39.778723	-121.574071	911-1046-4	fire in Ridgewood Mobile Home Park, in the storage area; dispatch asks to let neighbors know about evacuation order and to leave				×				911-1046-4	911-1046-4

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11/8	08:09	0	911-105-1	39.729163	-121.653391	911-105-1	caller was advised about mandatory evacuation in Paradise [Zone 10]				×				911-105-1	911-105-1
11/8	08:09	0	Radio Log	39.720436	-121.578571	Radio Log	LE 44?: "Those units that you're assigning to Paradise should start south at the south end of Pentz [Rd] and work their way up because we already have people on the very top working our way downhill. — Disp?: "Gridley units copy? South end of Paradise"				×				VTD-32	Radio Log
11/8	08:09	0	Photo	39.794123	-121.501844	Photo	2162, D: "13526 Green Forest Ln, supposedly there's someone trapped at that address."						×		TD-027	Photo
11/8	08:10	0	TD	39.785581	-121.597318	TD	up Skyway, clear roads			×					TD-118	TD
11/8	08:10	0	Radio Log	39.730698	-121.527646	Radio Log	Concow school in the process of getting all the kids out now					×			VTD-32	Radio Log
11/8	08:10	0	Radio Log	39.787234	-121.510081	Radio Log	LE48: waiting it out					×	×	×	VTD-32	Radio Log
11/8	08:10	0	Photo	39.784043	-121.509736	Photo	DZ2140: "Where are you guys at?" — T2107: "We're at the water crossing, we have all the civilians in the water right now."						×	×	TD-027	Photo
11/8	08:10	0	Photo	39.784043	-121.509736	Photo	B2119, D: "We have an account of 24 people, we did deploy the shelters for a few of them. They were running back down the road toward us. I think we do have probably a few people with a few burns. We're trying to get everyone into the low water creek crossing area, a lot of them are in the water right now. It's still burning hot. We'll hang out here and see if we can make it out. We're going to need that road open though. On our way out there were multiple trees that fell across the road. Suppose we can if we can get one of those engines working their way in from Concow Rd. ... Just myself and all the residents and [TD-027]."						×	×	TD-027	Photo
11/8	08:10	6	Radio Log	39.733608	-121.568046	TD	family left at same time spot was reported on Merrill Rd					×			TD-037	TD
11/8	08:10	30	TD	39.757152	-121.598656	TD	door to door evacuations on Ingalls Rd, Nunneley Rd, and Deodara Way; on foot and on PA				×				TD-067	TD
11/8	08:11	0	AVL	39.757233	-121.572311	AVL	traffic normal, business as usual at hospital			×					TD-061	TD
11/8	08:11	0	Radio Log	39.773667	-121.506868	Radio Log	2 vehicle traffic collision Concow Rd and Yani Trail								Radio Log	Radio Log
11/8	08:11	0	911-111-1	39.794030	-121.513173	911-111-1	Entrapment; surrounded by flames, can't get out	×				×			911-111-1	911-111-1
11/8	08:11	0	911-1047-1	39.757160	-121.571200	911-1047-1	Feather River Hospital is getting spot fires on campus and is evacuating					×			911-1047-1	911-1047-1
11/8	08:12	0	911-113-1	39.788647	-121.518099	911-113-1	CHP: entrapment, fire surrounding, possibly for 20 minutes prior						×		911-113-1	911-113-1
11/8	08:12	0	911-1049-4	39.739831	-121.583073	911-1049-4	have no way to evacuate					×	×		911-1049-4	911-1049-4
11/8	08:13	0	Radio Log	39.649928	-121.559481	AVL	stopped at bottom of Pentz Rd; request CHP control traffic one way only on Pentz Rd			×					TD-014	TD
11/8	08:13	0	Facebook	39.749559	-121.634170	TD	Town publishes initial evacuation map on Facebook				×				TD-011	Facebook
11/8	08:13	0	Radio Log	39.749521	-121.634132	Radio Log	LE: Paradise evacuation status mandatory 2, 6, 7, 13 warning 12, 11, 5, 1				×				VTD-32	Radio Log
11/8	08:13	0	Radio Log	39.769735	-121.505618	Radio Log	LE 58: on Yellow Wood Rd starting evacs				×				VTD-32	Radio Log
11/8	08:13	0	Photo	39.776154	-121.507903	Photo	stop again. Sheriff in middle of roadway	×	×		×				TD-027	Photo
11/8	08:13	0	Photo	39.784043	-121.509736	Photo	B2119, D: "Can we get some kind of drop in here or something? We've got shelters deployed and multiple vehicles burning all around us."						×	×	TD-027	Photo
11/8	08:15	0	AVL	39.776967	-121.579533	AVL	cars dropping off kids at Ponderosa Elementary School								TD-061	TD
11/8	08:15	0	Inferred	39.759502	-121.606653	TD	SB Clark Rd is completely gridlocked at Elliott Rd; super super windy; ember showers			×					TD-065	TD
11/8	08:15	0	TD	39.733179	-121.612571	TD	on Clark Rd; mass evacuation, traffic still in both directions			×					TD-100	TD
11/8	08:15	0	TD	39.775372	-121.579798	TD	Pentz Rd and Wagstaff Rd; increasing ash fall, smelling smoke, not worried about fire; traffic normal			×					TD-050	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:15	0	TD	39.767333	-121.601192	TD	drop off person at medical office; starting to get dark; large pinecones and sticks on ground, wind is howling; traffic still okay Clark Rd			×					TD-053	TD
11/8	08:15	0	Radio Log	39.773726	-121.506863	Radio Log	LE: Ishi Trail and tributaries, moving down Concow Rd; working on evacs				×				VTD-32	Radio Log
11/8	08:15	14	AVL DZ2140	39.783604	-121.505367	AVL	DZ2140 gains access to clear Hoffman Rd, pushing cars off roadway [via 2140 AVL]	×	×						TD-008	TD
11/8	08:15	15	Inferred	39.782032	-121.505655	TD	embers blowing across roadway; sketchy to drive through but not crazy; encounter more civilians								TD-110	TD
11/8	08:15	15	Inferred	39.751620	-121.611114	TD	hear from Paradise Elementary School, kids still at school; report of flames visible in the area of the school					×			TD-054	TD
11/8	08:15	15	Inferred	39.783291	-121.589782	video	residents trying to evacuate mobile home park; 40 to 50 cars backed up, unable to leave via main entrance			×		×			VTD-09	video
11/8	08:15	525	TD	39.788752	-121.579595	TD	neighbor attempted to evacuate south on Pentz Rd from Apple View Ln at 08:15, but had to turn around and got stuck at Optimo; abandoned vehicle in road; left Optimo about 17:00 [Optimo, TRA-S]			×		×			TD-023	TD
11/8	08:16	0	Radio Log	39.780653	-121.578518	AVL	spot fire on Merrill Rd, approx. 1 ac (0.4 ha) with wind from ENE; request mandatory evacuation of Pentz Zones and to call Ponderosa Elementary School; request new fire dispatch: 10 immediate need engines, full wildland response; thought to be a new fire				×				TD-061	TD
11/8	08:16	0	Radio Log	39.749521	-121.634132	Radio Log	IC: zones 3, 2, 7, 8, 14, 13, Morgan Ridge, Lower Pentz all mandatory evacuation				×				VTD-32	Radio Log
11/8	08:16	47	Inferred	39.781487	-121.572980	TD	telling civilians to evacuate (did not use PA); traffic getting backed up on Merrill Rd			×	×				TD-022	TD
11/8	08:17	0	911-118-1	39.753259	-121.571077	911-118-1	Disp: "You need to go ahead and evacuate immediately." — Caller: "That's right. It's all old-timers around here. I'm trying to get them out of the house right now." — "Well, do the best you can but please get out of the area to safety."				×	×			911-118-1	911-118-1
11/8	08:17	0	AVL DZ2140	39.783958	-121.509318	TD	DZ2140 arrives; put some people into dozer						×	×	TD-013	TD
11/8	08:17	0	Radio Log	39.787234	-121.510081	Radio Log	48: "At this point I think I'm just going to stay put with these people. Cause I've got a large convoy going about 15 or 16 cars now. I'm going to stay here until CAL FIRE comes to us because I don't know what's burning past what I can see, which is only about 100 yards." — Disp: "10-4. 48 staying put on Camelot standing by for CAL FIRE to show up"					×	×	×	VTD-32	Radio Log
11/8	08:17	0	Radio Log	39.780653	-121.578518	AVL	ECC advises that mandatory evacuations already in effect for all of Pentz Rd				×				TD-061	TD
11/8	08:17	10	Inferred	39.784040	-121.509723	TD	plan to get to Camelot TRA; stuff all people into 8 vehicles, leave behind the burning vehicles; 2 civilians in front seat plus 3 in the back seat and [TD-027] in the bed camper shell (7 people in pickup); takes maybe 40 min to 60 min from leaving Hoffman Rd to Camelot Ln					×	×		TD-013	TD
11/8	08:18	0	911-120-1	39.794115	-121.501841	911-120-1	entrapment, secondhand call						×		911-120-1	911-120-1
11/8	08:19	0	911-1056-2				request for evacuation assistance					×	×		911-1056-2	911-1056-2
11/8	08:20	0	TD	39.653151	-121.632742	TD	Fish and Game [LE] escort B-Line [return without reaching Paradise TD-046]					×			TD-054	TD
11/8	08:20	0	Radio Log	39.756987	-121.571113	Radio Log	LE?: "Immediate danger, we have fire right on the property line" — Disp: "10-4 can we get units there please? Feather River Hospital."					×			VTD-32	Radio Log
11/8	08:20	0	Radio Log	39.777982	-121.577405	Radio Log	PPD: "Head to Pentz [Rd] and Wagstaff [Rd], there's a trailer park that's going to need assistance getting people out.... I'll go there."				×	×			VTD-32	Radio Log
11/8	08:20	30	Inferred	39.757794	-121.571187	TD	evacuation of hospital is under way					×			TD-063	TD
11/8	08:20	30	Inferred	39.757794	-121.571187	TD	10 to 15 BCSO arrive to help with evacuation					×			TD-063	TD
11/8	08:21	0	Photo	39.741796	-121.791762	Photo	CA-32, vehicles WB at Bruce Rd but no discernable backup, cannot distinguish if more traffic than normal			×					TD-055	Photo
11/8	08:21	19	Inferred	39.777778	-121.579607	TD	SB traffic on Pentz Rd, moving slowly trying to get WB Wagstaff Rd			×					TD-020	TD

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11/8	08:21	19	Inferred	39.777778	-121.579607	TD	traffic not congested south of Wagstaff Rd yet			×					TD-020	TD
11/8	08:21	19	Inferred	39.780509	-121.578370	TD	About 0.5 ac (0.2 ha) spot fire in 2 ft (0.6 m) tall grass, fast spreading; windy but not too bad; evacuation is priority				×	×			TD-020	TD
11/8	08:21	19	Inferred	39.775386	-121.579879	TD	drive south in NB lanes to Ponderosa Elementary School; last kids loading onto school bus					×			TD-020	TD
11/8	08:21	19	Inferred	39.775672	-121.579020	TD	on PA to announce evacuations; knock on a few doors, no one home; Whitaker Rd area				×				TD-020	TD
11/8	08:21	39	Inferred	39.763908	-121.574563	TD	traffic backed up SB Pentz Rd; drive in NB lanes to hospital			×					TD-020	TD
11/8	08:22	0	Radio Log	39.786919	-121.574873	Radio Log	PPD12: "30 I'm not aware of anyone checking Merrill [Rd]." — P30: "10-4 I'm going to cut Dean [Rd] short, it's been evacuated about halfway down Dean Rd, en route to Merrill [Rd]." — PPD34: "I can head out to Merrill [Rd] if you want to continue Dean [Rd]."				×				VTD-32	Radio Log
11/8	08:22	0	911-124-1	39.649860	-121.559553	Inferred	CHP coordination of road closures for evacuation; Pentz Rd is shut down, Clark Rd is still open			×		×			911-124-1	911-124-1
11/8	08:22	4	AVL	39.735617	-121.818583	AVL	traffic getting heavy in Chico			×					TD-031	TD
11/8	08:23	0	Radio Log	39.783744	-121.505490	TD	multiple power lines down in area; ask and receive confirmation that power lines are shut off in Concow								TD-013	TD
11/8	08:23	8	AVL	39.783433	-121.505417	AVL	Concow Rd at Hoffman Rd; dozer coming up Hoffman Rd, meet with T2107 and evacuees; confirm power is dead, and clear power lines off Concow Rd with bolt cutters; fire right up against road; significant 30 mi/h to 40 mi/h (13 m/s to 18 m/s) wind	×				×			TD-062	TD
11/8	08:23	10	AVL	39.775377	-121.580518	TD	kids being dropped at Ponderosa Elementary School								TD-014	TD
11/8	08:23	10	AVL	39.776822	-121.579602	AVL	Wagstaff Rd at Pentz Rd is pretty much a parking lot			×					TD-014	Radio Log
11/8	08:24	0	Radio Log	39.754529	-121.571715	Radio Log	LE: "5936 Pentz Rd and the two south have been evacuated."				×	×			VTD-32	Radio Log
11/8	08:24	3	AVL	39.739121	-121.823237	AVL	lots of traffic in the middle of Chico; ran down left shoulder			×					TD-090	TD
11/8	08:25	0	Radio Log	39.758961	-121.598589	Radio Log	PPD S15: "5851 Ingalls refusing to evacuate: too many animals."				×	×			VTD-32	Radio Log
11/8	08:25	0	911-132-1	39.794030	-121.513173	911-132-1	entrapment, second call; 3 civilian surrounded and cannot get out						×		911-132-1	911-132-1
11/8	08:26	0	911-135-1	39.759818	-121.620163	911-135-1	heart attack						×		911-135-1	911-135-1
11/8	08:26	0	911-135-2	39.743798	-121.587406	911-135-2	need assistance evacuating					×	×		911-135-2	911-135-2
11/8	08:27	0	911-136-1	39.794030	-121.513173	911-136-1	entrapment, third call						×		911-136-1	911-136-1
11/8	08:27	11	AVL	39.726367	-121.688051	AVL	people heading down Skyway, not much NB traffic; pitch black, midnight			×					TD-085	TD
11/8	08:27	28	AVL DZ2140	39.783744	-121.505490	TD	stuck in traffic at Hoffman and Concow Rd; people, vehicles, and livestock; reports of Concow Rd blocked on radio; cut power lines, poles were still standing	×		×		×	×		TD-013	TD
11/8	08:28	7	AVL	39.655283	-121.566083	AVL	Pentz Rd at Durham-Pentz Rd; no traffic issues, light traffic			×					TD-086	TD
11/8	08:29	0	Radio Log	39.752318	-121.572490	Radio Log	LE working their way south of Lowry getting everything on Pentz Rd on the canyon side evacuated				×				VTD-32	Radio Log
11/8	08:29	26	AVL DZ2140	39.783521	-121.505179	TD	DZ2140 pushes out "safety zone"; wind blowing hard, blow off hat and helmet; embers catching seats on fire						×	×	TD-013	TD
11/8	08:30	0	Inferred	39.754423	-121.595763	TD	wife left with kids about 08:30, had no traffic			×					TD-112	TD
11/8	08:30	0	TD	39.752280	-121.607734	TD	call [TD-011] and manually operated traffic signal alternating green for Clark Rd and Pearson Rd (needed permission from Caltrans)			×					TD-035	TD
11/8	08:30	0	TD	39.733612	-121.573581	TD	Pentz Rd at Country Club Dr was backed up NB into town; SB is moving			×					TD-037	TD

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11/8	08:30	0	AVL TD-062	39.785511	-121.505591	TD	attempt to get to Camelot Ln; north of Hoffman Rd totally black, cannot see intersection to Camelot Ln; moving slowly to find roadway							×	TD-110	TD
11/8	08:30	0	TD	39.833795	-121.596771	TD	seeing small lines of vehicles at gas stations			×					TD-058	TD
11/8	08:30	0	TD	39.783253	-121.587677	TD	sent residents down Clark Rd; when SB filled, sent cars SB in NB lanes			×		×			VTD-09	TD
11/8	08:30	0	911-138-1	39.751587	-121.573854	911-138-1	need help evacuating, no vehicle, trying to go with neighbors					×	×		911-138-1	911-138-1
11/8	08:30	0	911-140-1	39.758360	-121.570081	911-140-1	Flight Care looking for authorization to fly into FRH for evacuations					×			911-140-1	911-140-1
11/8	08:30	10	Inferred	39.752228	-121.614570	TD	two-way traffic on Pearson Rd, ambulances			×					TD-300	TD
11/8	08:30	10	Inferred	39.751644	-121.611111	TD	chaos of cars and people at Paradise Elementary School with parents picking up kids			×		×			TD-300	TD
11/8	08:30	14	Inferred	39.757191	-121.571241	TD	driving down Skyway, hear about evacuations at hospital					×			TD-064	TD
11/8	08:30	14	Inferred	39.778472	-121.577351	TD	[PPD] evacuating Ridgewood Mobile Home Park				×	×			TD-064	TD
11/8	08:30	14	Inferred	39.778472	-121.577351	TD	door to door in Ridgewood Mobile Home Park				×				TD-064	TD
11/8	08:30	30	TD-032	39.752259	-121.607764	TD	Pearson Rd and Clark Rd; set up evacuation signs					×			TD-033	TD
11/8	08:30	30	Inferred	39.752280	-121.607734	TD	too much traffic volume for traffic light; switch to red flash and direct traffic by hand (alternating Clark Rd and Pearson Rd)			×					TD-035	TD
11/8	08:30	30	Inferred	39.726261	-121.787389	TD	Chico PD shut down E 20th St and Bruce Rd			×					TD-071	TD
11/8	08:30	30	Inferred	39.714069	-121.788055	TD	Chico PD shut down Skyway and Bruce Rd			×					TD-071	TD
11/8	08:30	30	Inferred	39.757572	-121.571293	TD	staging patients in the ER lobby; hospital being evacuated on buses and medical transport vans; lots of LE.					×		×	TD-020	TD
11/8	08:30	30	TD	39.812811	-121.578497	TD	heard about [traffic on] Wagstaff Rd on radio; sent wife and kids out through Magalia				×	×			TD-113	TD
11/8	08:30	30	TD	39.782053	-121.604395	TD	hop on motorcycle and start evacuating neighborhood; spoke to most neighbors and got them out				×				TD-113	TD
11/8	08:30	30	TD	39.783702	-121.604138	TD	down to bottom of Molokai Dr to tell guy to leave				×				TD-113	TD
11/8	08:30	30	Inferred	39.752243	-121.607737	TD	nightmare at Pearson Rd and Clark Rd; one LE present; no one [Fire Dept] to tie in to at Ace Hardware; eastbound traffic is flowing freely			×					TD-100	TD
11/8	08:30	30	Inferred	39.747723	-121.572481	TD	civilians trying to get NB on Pentz Rd past LE; sending NB traffic WB on Pearson Rd			×					TD-100	TD
11/8	08:30	30	Inferred	39.778011	-121.579577	TD	people coming out of mobile home park					×			TD-143	TD
11/8	08:30	30	Inferred	39.777763	-121.581197	TD	traffic is bad WB on Wagstaff Rd			×					TD-143	TD
11/8	08:30	30	Inferred	39.760726	-121.573397	TD	no traffic issues on Pentz Rd until hospital; 10 minutes to pass SB from Vineyard Dr to Pearson Rd			×					TD-143	TD
11/8	08:30	30	Inferred	39.747743	-121.572464	TD	lots of cars going down Pearson Rd, WB			×					TD-143	TD
11/8	08:30	139	AVL	39.787148	-121.510210	TD	Evacuate caravan of civilians to CA-70 with CAL FIRE lead and follow vehicles					×	×	×	TD-008	TD
11/8	08:30	186	Inferred	39.752280	-121.607734	TD	send Pearson Rd to SB Clark Rd; send Clark Rd to WB Pearson Rd			×					TD-035	TD
11/8	08:30	186	Inferred	39.752280	-121.607734	TD	lots of LE present (CHP, BCSO, PPD)								TD-035	TD
11/8	08:31	0	AVL E2162	39.787158	-121.509828	AVL	E2167, E2162, could finally access beyond Hoffman Rd; after 30 min with fire front, could access Camelot TRA, 40 people inside vehicles					×	×		TD-008	TD
11/8	08:31	0	AVL	39.775657	-121.579620	AVL	Traffic may be a little heavier than on a normal day. Bus pulling into elementary school, I think to pick up kids					×			TD-045	TD
11/8	08:31	0	AVL	39.784639	-121.505530	AVL	check access to Camelot Meadow with T2107; E2162 stays with evacuees at Hoffman Rd			×					TD-062	TD

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11/8	08:31	0	AVL	39.787188	-121.504011	AVL	multiple burning vehicles blocking Concow Rd north of Camelot Ln	×							TD-062	TD
11/8	08:31	0	Radio Log	39.757548	-121.570559	Radio Log	Enloe Flight Care requesting permission to start transporting patients from Feather River Hospital; advised to coordinate with Camp Air Attack and be aware of smoke column laying down					×			VTD-32	Radio Log
11/8	08:31	0	911-142-4	39.789348	-121.523750	911-142-4	secondhand call for evac assistance					×	×		911-142-4	911-142-4
11/8	08:32	3	AVL	39.785517	-121.505550	AVL	vehicle at entrance to Camelot is on fire; most if not all structures in Camelot already on fire; safety zone is viable; [at least] 5 POV already refuging at safety zone with LE civilian in safety zone advises about possible entrapment; attempt 3 different routes to access					×	×		TD-062	TD
11/8	08:32	3	AVL	39.786895	-121.509639	AVL	not much SB traffic on Pentz Rd			×					TD-103	TD
11/8	08:32	6	AVL	39.703245	-121.574459	AVL	PPD to 34 from 29: "The most north roadway of the mobile home park should be evacuated first. Fire just north of Ridgeway Mobile Home Park is about 100 ft [30 m] from the north mobile homes."					×			VTD-32	Radio Log
11/8	08:33	0	Radio Log	39.778726	-121.576984	Radio Log	CA-99 S between Skyway and Durham-Pentz Rd; traffic on CA-99 was full, we drove center median. Both directions packed			×					TD-079	TD
11/8	08:33	6	AVL	39.674450	-121.755500	AVL	called by DPW employee who heard on radio scanner that all of Paradise was under evacuation order				×				TD-011	TD
11/8	08:34	0	TD	39.749559	-121.634170	TD	hearing that Pentz Rd is inaccessible; anticipates traffic to come over to Skyway			×	×				TD-011	TD
11/8	08:34	0	Inferred	39.753850	-121.628641	TD	hearing that Pentz Rd is inaccessible; anticipates traffic to come over to Skyway			×	×				TD-011	TD
11/8	08:34	0	Radio Log	39.762883	-121.574388	TD	LE39: "Feather Canyon retirement home behind Feather River Hospital, fire is about 20 yd [18 m] from nearest residences. I was advised there's 140 people that need to be evacuated." — Disp: "39, copy. I think I've got at least another 12 en route to you."					×	×		VTD-32	Radio Log
11/8	08:34	0	Radio Log	39.762086	-121.568892	Radio Log	Traffic both ways on Pentz Rd, not much traffic downhill, no panic, urgency, or gridlock; light smoke, no fire no flames			×					TD-005	TD
11/8	08:34	2	AVL	39.736683	-121.572767	AVL	civilians informed that residents are still trapped in Windermere area; impossible to access - power lines down and trees torching; structures burning; has E2167						×		TD-110	TD
11/8	08:34	2	AVL	39.786410	-121.514298	TD	they did evacuate					×			911-150-1	911-150-1
11/8	08:35	0	AVL TD-062	39.794115	-121.501841	911-150-1	Pearson Rd WB starting to back up east of Clark Rd			×					TD-300	TD
11/8	08:35	10	Inferred	39.752263	-121.601730	TD	attempt to access address; smoke so thick can't see hood of engine; all houses and veg on fire; propane venting; road compromised						×		TD-062	TD
11/8	08:35	12	AVL	39.786300	-121.514300	AVL	comfortable sheltering in Camelot, field already burned over; with other resources							×	TD-110	TD
11/8	08:35	25	Inferred	39.787548	-121.510564	TD	advise [TD-008] that safety zone in Camelot is good, and to shelter any additional evacuees there					×	×		TD-110	TD
11/8	08:35	25	Inferred	39.782667	-121.505800	TD	at S curves, too many low hanging power lines; cannot drive through/over	×							TD-110	TD
11/8	08:35	25	Inferred	39.782667	-121.505800	TD	confirmed that power was killed, so started cutting lines to open up road	×							TD-110	TD
11/8	08:35	26	Inferred	39.800927	-121.580603	TD	traffic backing up on Old Skyway			×					TD-058	TD
11/8	08:35	26	Inferred	39.799608	-121.583435	TD	Skyway, real bad traffic before Clark Rd (between Clark Rd and Pentz Rd)			×					TD-058	TD
11/8	08:35	26	Inferred	39.793050	-121.584948	TD	see trees on fire; traffic is steady but backed up			×					TD-058	TD
11/8	08:35	84	Inferred	39.797129	-121.585621	Inferred	got to the top [of Skyway at Clark Rd] traffic everywhere			×					VTD-12	TD
11/8	08:35	84	Inferred	39.792724	-121.589106	Inferred	sent vehicles down bike path			×		×			VTD-12	TD
11/8	08:35	84	Inferred	39.792724	-121.589106	Inferred	on PA advising vehicles to shelter; asking dispatch for water drops					×			VTD-12	TD

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11/8	08:35	84	Inferred	39.790099	-121.591535	Inferred	drove through, fire and boulders everywhere; round trips, drivers would freeze with fire in front; probably got at least 200 cars through there					×			VTD-12	TD
11/8	08:36	0	Inferred	39.786979	-121.572546	TD	spots starting along Dean Rd; heavy traffic outbound on Dean Rd, crowded; on PA for evacuation			×					TD-040	TD
11/8	08:36	0	Radio Log	39.757060	-121.571208	Radio Log	Feather River Hospital has 1/3 of 60 patients out					×	×		Radio Log	Radio Log
11/8	08:36	0	Radio Log	39.757060	-121.571208	Radio Log	BCSO transport 2 minutes out from Feather River Hospital					×			Radio Log	Radio Log
11/8	08:36	0	Radio Log	39.757500	-121.571231	Radio Log	PPD S14: "Feather River Hospital has 1/3 of their 60 patients they need to get transported out; we've got deputies and staff providing transports to Enloe [Hospital in Chico]."					×			VTD-32	Radio Log
11/8	08:36	11	AVL	39.648853	-121.604046	AVL	not much traffic on Durham-Pentz Rd			×					TD-090	TD
11/8	08:36	60	Inferred [PPD, E82]	39.788866	-121.572862	TD	visibility zero; stuck on Chapman Ln, up against tree; trying to extend hose lines to fire, run about ~400 ft [122 m] of hose; propane tanks exploding, fire all around in heavy vegetation and pine needles; civilians evacuating, block in engine					×			TD-040	TD
11/8	08:36	60	Inferred [PPD, E82]	39.788866	-121.572862	TD	residents are gone; cut hose and escaped out of Chapman Ln				×				TD-040	TD
11/8	08:37	0	AVL	39.748583	-121.572400	AVL	arrive, Pentz Rd at Pearson Rd, conditions deteriorate; ember storm; people panicking								TD-005	TD
11/8	08:37	0	AVL E2162	39.787548	-121.510564	TD	[TD-013] arrives to Camelot TRA; getting civilian contact info from everyone							×	TD-110	TD
11/8	08:37	0	Radio Log	39.748728	-121.570298	Radio Log	LE: 32, JL2, J16 on Feather River Pl, clearing [checking evacuations]				×				VTD-32	Radio Log
11/8	08:37	0	911-157-1	39.777720	-121.588124	911-157-1	entire road is blocked	×		×					911-157-1	911-157-1
11/8	08:37	0	Photo	39.754620	-121.528809	Photo	no vehicles visible			×					TD-115	Photo
11/8	08:38	0	AVL	39.649791	-121.559461	AVL	cars being sent on CA-70 SB from Pentz Rd; not much traffic; no gridlock; no fire			×					TD-209	TD
11/8	08:38	0	Radio Log	39.716572	-121.521129	Radio Log	LE93: "Do we have a place for evacuees that have lost everything? I have two in my car at [CA-] 70 and Concow [Rd] by the dome store that have nowhere to go, no vehicles."					×			VTD-32	Radio Log
11/8	08:38	6	AVL	39.720285	-121.578644	AVL	conditions changed at base of town; no fire or gridlock until Lago Vista Way			×					TD-209	TD
11/8	08:38	9	AVL	39.727932	-121.574995	AVL	traffic is fairly clear while driving up Pentz Rd [south of Paradise]			×					TD-122	TD
11/8	08:38	65	AVL	39.755100	-121.571617	AVL	various defensive actions on Riverview Dr; one structure burning, spot fires growing rapidly; knocked on all doors but no-one answered				×				TD-005	TD
11/8	08:39	0	Inferred	39.763351	-121.569761	TD	light as dusk; trees swaying in wind, light surface winds; gathering belongings to evacuate; neighbors also packing					×			VTD-17	video
11/8	08:39	0	911-161-1	39.708865	-121.524561	911-161-1	resident will need help evacuating; paralyzed and probably sleeping					×	×		911-161-1	911-161-1
11/8	08:39	1	PPD-02	39.780485	-121.575650	video	on PA and horn announcing mandatory evacuation on Chris Ct				×				PPD-02	video
11/8	08:39	1	PPD-02	39.780485	-121.575650	video	resident advises they think all residents are gone				×				PPD-02	video
11/8	08:40	0	Radio Log	39.777786	-121.579607	Radio Log	50C advises multiple spot fires Pentz Rd and Wagstaff Rd, traffic backed up; main priority is evacuation			×					TD-014	Radio Log
11/8	08:40	0	AVL	39.770370	-121.606241	AVL	traffic two lanes WB on Bille Rd; cannot travel EB toward fire			×					TD-085	TD
11/8	08:40	0	TD	39.697841	-121.613716	TD	driving up Clark Rd, traffic is already bad			×					TD-105	TD
11/8	08:40	0	PPD-02	39.781447	-121.575736	video	traffic backed up to here; 1 lane Merrill Rd WB (36 vehicles + 2 trailers, backup increased 8 vehicles in one minute)			×					PPD-02	video
11/8	08:40	0	PPD-02	39.781428	-121.577676	video	on PA announcing mandatory evacuation along Merrill Rd				×				PPD-02	video
11/8	08:40	0	Radio Log	39.772574	-121.590744	Radio Log	6309 Lancaster, reporting party doesn't have a vehicle					×	×		VTD-32	Radio Log

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:40	0	911-164-1	39.797065	-121.585487	911-164-1	fire and traffic at Skyway and Clark Rd; heavy traffic preventing movement			×					911-164-1	911-164-1
11/8	08:40	5	Inferred	39.747703	-121.572447	TD	no traffic on Pentz Rd south of Pearson Rd			×					TD-016	TD
11/8	08:40	5	Inferred	39.752554	-121.572109	TD	gridlock traffic and vegetation spot fires all along east side; visibility 0.25 mi (0.4 km)			×					TD-016	TD
11/8	08:40	6	AVL	39.752380	-121.572450	AVL	most traffic SB on Pentz Rd, flowing. 1 or 2 cars NB.			×					TD-084	TD
11/8	08:40	6	Inferred	39.777730	-121.590638	TD	noticed embers flying through air; Clark Rd traffic flowing 2 lanes SB, no traffic NB two lanes open			×					TD-075	TD
11/8	08:40	6	Inferred	39.753793	-121.624051	TD	continued receiving calls about motor vehicle accidents, but did not respond to them			×					TD-075	TD
11/8	08:40	8	AVL	39.721126	-121.578520	AVL	cars passing, but clear			×					TD-123	TD
11/8	08:40	20	Inferred	39.763505	-121.603915	TD	going to pick up daughter; driving Clark Rd - traffic all one way, driving on sidewalks to get through			×					TD-105	TD
11/8	08:40	20	Inferred	39.770379	-121.597875	TD	10 minutes to get through Bille Rd intersection, had to drive through parking lots			×					TD-105	TD
11/8	08:40	20	Inferred	39.770383	-121.612385	TD	Bille Rd is more congested than Clark Rd, very crowded			×					TD-105	TD
11/8	08:40	45	Inferred	39.780488	-121.576300	TD	shelter 6 vehicles in Chris Ct; intense heat and wind							×	TD-022	TD
11/8	08:41	0	PPD-02	39.781369	-121.579551	video	inquiry about if clear to send two lanes Pentz Rd southbound			×		×			PPD-02	video
11/8	08:41	0	Radio Log	39.713960	-121.788100	Radio Log	LE: requesting road closure Skyway at Bruce [Rd]; 10-39. no one allowed up	×		×					VTD-32	Radio Log
11/8	08:42	0	TD	39.776235	-121.508008	AVL	stopped by fire on Concow Rd at Cribbage Ln; 2 crew buses and WT45	×							TD-115	TD
11/8	08:42	0	Radio Log	39.770126	-121.498663	Radio Log	LE: Kakini Rd is clear; working on the bottom half of Yellow Wood [Rd]				×	×			VTD-32	Radio Log
11/8	08:42	0	PPD-02	39.781369	-121.579551	video	want to send two lanes southbound but advised to wait until road is closed			×					PPD-02	video
11/8	08:42	0	PPD-02	39.781369	-121.579551	video	some two-way traffic on Pentz Rd			×					PPD-02	video
11/8	08:42	0	PPD-02	39.781369	-121.579551	video	traffic SB Pentz Rd backed up at Merrill Rd			×					PPD-02	video
11/8	08:42	0	PPD-02	39.781369	-121.579551	video	traffic coming E from W side Merrill Rd			×					PPD-02	video
11/8	08:42	0	PPD-02	39.781369	-121.579551	video	NB traffic on Pentz Rd is flowing normal speed			×					PPD-02	video
11/8	08:42	0	video	39.763351	-121.569761	TD	car radio: "ordering an evacuation order now due to the fire for areas of Pentz Rd east to Hwy 70, last check fire over 1000 acres [405 ha]"					×			VTD-17	video
11/8	08:42	0	911-166-1	39.748017	-121.608799	911-166-1	need help evacuating 30 elderly residents					×	×		911-166-1	911-166-1
11/8	08:42	93	TD	39.776235	-121.508008	TD	resident advising civilians need help on Cribbage Ln						×		TD-115	TD
11/8	08:42	93	TD	39.776377	-121.507641	TD	check Cribbage Ln for any remaining civilians; none				×				TD-115	TD
11/8	08:43	0	Inferred	39.763705	-121.570313	video	5+ vehicles evacuating from Norwood Dr at Lovett Dr			×		×			VTD-17	video
11/8	08:43	0	Inferred	39.763657	-121.574509	video	traffic is flowing both directions on Pentz Rd, most traffic heading NB steady flow, normal to slightly less than normal speed			×					VTD-17	video
11/8	08:44	0	AVL	39.647330	-121.634462	AVL	traffic coming off ridge down Clark Rd			×					TD-079	TD
11/8	08:44	0	AVL	39.777700	-121.596200	AVL	Wagstaff Rd traffic, backed up but moving EB, WB lane is open			×					TD-085	TD
11/8	08:44	0	PPD video	39.778633	-121.574872	TD	far eastern end of mobile home park is on fire; civilians are present								TD-064	TD
11/8	08:44	0	PPD video	39.777719	-121.588667	TD	man trying to get out of house, put 1 civilian in vehicle						×		TD-067	TD
11/8	08:44	0	911-175-1	39.759834	-121.596212	911-175-1	call for evacuation assist 5890 Debbie Ln						×		TD-111	TD
11/8	08:44	0	PPD-02	39.777795	-121.590316	video	1 evacuee in vehicle of S15					×	×		PPD-02	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:44	0	Radio Log	39.762055	-121.568964	Radio Log	retirement home behind [FRH] ... B-Line buses en route to there and we're working on getting more resources					×			VTD-32	Radio Log
11/8	08:44	0	911-172-1	39.813023	-121.596515	911-172-1	calling for evacuation assistance; Disp: "There are no evacuations in Magalia at this time."				×				911-172-1	911-172-1
11/8	08:44	0	911-175-1	39.759803	-121.596219	911-175-1	elderly citizens having difficulty evacuating, requesting assistance; received evacuation call				×	×	×		911-175-1	911-175-1
11/8	08:45	0	AVL	39.777696	-121.590550	AVL	Traffic coming into intersection from all directions (Clark Rd at Wagstaff Rd); traffic standstill			×					TD-085	TD
11/8	08:45	0	AVL	39.756218	-121.571584	AVL	patients were out, there was some hospital staff					×			TD-103	TD
11/8	08:45	0	AVL	39.720453	-121.578583	AVL	tons of traffic trying to get out; still two-way traffic			×					TD-109	TD
11/8	08:45	0	TD	39.746176	-121.638162	TD	reprogram traffic lights at Skyway and Neal Rd to hold outbound traffic on green; traffic was moving free flow speed; LE present; visibility good			×	×				TD-011	TD
11/8	08:45	0	Inferred	39.746174	-121.638219	TD	gridlock intersection at Neal Rd, traffic trying to go all directions			×					TD-111	TD
11/8	08:45	0	TD	39.775388	-121.579841	TD	return to school; sky dark gray; heavier ash fall					×			TD-050	TD
11/8	08:45	0	PPD-02	39.743203	-121.571537	Radio	1908 Crandall Way; single person needing evacuation assistance					×	×		PPD-02	Radio
11/8	08:45	0	PPD-02	39.766163	-121.574000	Radio	Acres of Paradise; 6280 Pentz Rd; several residents needing evacuation assistance					×	×		PPD-02	Radio
11/8	08:45	0	Inferred	39.763657	-121.574509	video	traffic both directions on Pentz Rd			×					VTD-17	video
11/8	08:45	5	Inferred	39.752262	-121.602322	TD	set up evacuation route sign at Pearson Rd and Cathy Ln					×			TD-032	TD
11/8	08:45	14	AVL	39.665532	-121.628256	AVL	Some traffic going out Clark Rd but not bumper-to-bumper			×					TD-017	TD
11/8	08:45	15	Inferred	39.778472	-121.577351	TD	get on PA to tell residents to evacuate from Ridgewood Mobile Home Park				×				TD-064	TD
11/8	08:45	15	Inferred	39.750708	-121.572527	TD	traffic is two lanes bumper to bumper SB; some civilians still heading NB			×					TD-016	TD
11/8	08:45	15	Inferred	39.784937	-121.590950	video	drove through fence on north side of mobile home park to escape	×		×					VTD-09	video
11/8	08:45	15	Inferred	39.784982	-121.591133	video	drove west on Forest Service Rd to escape			×					VTD-09	video
11/8	08:45	30	Inferred	39.770450	-121.587318	TD	Bille Rd is jammed; 3 lanes WB			×					TD-042	TD
11/8	08:45	60	TD	39.764646	-121.618712	TD	Bille Rd to Skyway to Almond St to PPD; normally 5 min, but took 1 hour			×					TD-078	TD
11/8	08:45	60	TD	39.764646	-121.618712	TD	Skyway SB is completely gridlocked, some driving SB in center lane; NB lanes are still open and heading NB			×					TD-078	TD
11/8	08:45	60	TD	39.759486	-121.623886	TD	VIPS blocking traffic from going EB Elliott Rd			×					TD-078	TD
11/8	08:46	0	Inferred	39.777708	-121.588536	TD	traffic getting heavier but still flowing			×					TD-067	TD
11/8	08:46	0	PPD-02	39.781369	-121.579551	video	traffic NB is beginning to back up at Pentz Rd and Merrill Rd; SB traffic slow stop and go			×					PPD-02	video
11/8	08:46	0	Radio Log	39.748141	-121.525590	Radio Log	Stone Mountain Rd, Wilenor Ct, Comfort Ln [evacuations/notifications on Concow Rd]								VTD-32	Radio Log
11/8	08:46	0	911-179-1	39.757048	-121.571191	911-179-1	[building alarm company] calling about fire at Feather River Hospital					×			911-179-1	911-179-1
11/8	08:46	17	AVL	39.754783	-121.572394	AVL	using NB lane to bounce house to house			×					TD-209	TD
11/8	08:46	19	Inferred	39.773876	-121.579615	Inferred	tree down south of Wagstaff Rd, must send traffic north on Pentz Rd [unverified]	×							TD-075	TD
11/8	08:46	19	Inferred	39.777771	-121.581075	TD	traffic on Wagstaff Rd is packed, but is able to get moving			×					TD-075	TD
11/8	08:46	20	Inferred	39.777787	-121.579609	TD	Wagstaff Rd and Pentz Rd is gridlocked; traffic stopped every which way			×					TD-067	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:46	127	AVL	39.753868	-121.572262	AVL	parked at Pentz Rd and Lowry Ln; heavy traffic; directing traffic with civilian			×					TD-084	TD
11/8	08:47	0	AVL	39.787047	-121.510165	AVL	Camelot safety zone; vehicles rescued from Hoffman Rd are also now in the meadow					×	×		TD-062	TD
11/8	08:47	0	AVL	39.731477	-121.574206	AVL	Strike team leader decides objective needs to be evacuations; lots of civilians still present				×	×			TD-109	TD
11/8	08:47	0	PPD-02	39.777939	-121.575002	Radio	rescues in Ridgeway Mobile Home Park (LE 34 and 29) someone picked them up						×		PPD-02	Radio
11/8	08:47	0	PPD-02	39.781383	-121.579559	video	1230: Merrill [Rd] traffic evacuating northbound over to Skyway			×					PPD-02	Radio
11/8	08:47	0	Radio Log	39.749521	-121.634132	Radio Log	IC: "Let me make sure I get my locations right. Currently on the west side of Clark Rd we just have evacuation warnings in effect, do those need to be upgraded to orders?" — ##?: "I would suggest going with an order ASAP." — IC: "Okay I understand, can you give me a northern boundary in the Magalia area?" ##?: "consider everything to the west of Steiffer Rd an order..." [cut off]								VTD-32	Radio Log
11/8	08:47	0	911-181-1	39.771306	-121.595255	911-181-1	diabetic emergency						×		911-181-1	911-181-1
11/8	08:47	3	TD	39.756884	-121.568212	video	Feather River Hospital; smoke coming from behind hospital; pretty full front parking lot								VTD-17	video
11/8	08:47	3	TD	39.758143	-121.571812	video	employee indicates most or all patients are out, staff remains					×			VTD-17	video
11/8	08:47	5	AVL	39.789150	-121.512273	TD	tree blocking roadway; wall of flames	×							TD-062	TD
11/8	08:47	148	AVL	39.755683	-121.571747	AVL	fire approaches hospital from east; traffic is gridlock on Pentz Rd both lanes of traffic heading in same direction SB; stretch line to protect structures			×					TD-103	TD
11/8	08:47	148	AVL	39.756016	-121.571125	AVL	civilian in E2390 alone; engine took heat damage					×	×		TD-103	TD
11/8	08:47	148	AVL	39.756016	-121.571125	AVL	FF brings 6 cars off Pentz Rd to hospital parking lot							×	TD-103	TD
11/8	08:48	0	AVL	39.655810	-121.565080	AVL	turn up Pentz Rd, no traffic			×					TD-079	TD
11/8	08:48	0	AVL	39.747928	-121.572361	AVL	traffic bottlenecks; driving in smoke; propane tanks exploding			×					TD-123	TD
11/8	08:48	0	AVL	39.741263	-121.572774	AVL	traffic gets snagged on Pentz Rd			×					TD-124	TD
11/8	08:48	0	PPD-02	39.781369	-121.579551	video	NB Pentz Rd is stopped south of Merrill Rd			×					PPD-02	video
11/8	08:48	0	PPD-02	39.781369	-121.579551	video	some SB vehicles on Pentz Rd turning around; NB is open and mostly flowing; traffic is in both directions			×					PPD-02	video
11/8	08:48	0	911-183-1	39.748238	-121.609657	911-183-1	no car, need help evacuating					×	×		911-183-1	911-183-1
11/8	08:48	0	911-183-3	39.782451	-121.579185	911-183-3	no vehicle to evacuate; Disp: "Get in someone's car and leave the area immediately."					×			911-183-3	911-183-3
11/8	08:48	5	AVL	39.781479	-121.573042	AVL	cannot access end of Merrill Rd; opening driveway gates; telling residents to evacuate now; vehicles are leaving	×			×	×			TD-061	TD
11/8	08:48	5	Inferred	39.765701	-121.602167	TD	heavy traffic both directions on Clark Rd			×					TD-069	TD
11/8	08:48	5	Inferred	39.770430	-121.597708	TD	intersection Clark Rd and Bille Rd is difficult to get through; wall of darkness			×					TD-069	TD
11/8	08:48	5	Inferred	39.770487	-121.589946	TD	Bille Rd WB is full; jammed; between Clark Rd and Pentz Rd			×					TD-069	TD
11/8	08:48	15	AVL	39.751833	-121.572083	AVL	cars headed both ways; SB starting to move; tried to direct traffic			×					TD-209	TD
11/8	08:48	15	AVL	39.751833	-121.572083	AVL	helped older ladies evacuate from house; directed them south; south still gridlocked			×		×	×		TD-209	TD
11/8	08:49	0	AVL	39.777791	-121.580304	AVL	Both lanes on Wagstaff Rd are WB at Pentz Rd			×					TD-085	TD
11/8	08:49	0	AVL	39.777764	-121.579609	AVL	Mayhem. People on foot running. Chaos on Pentz Rd; fire arrives within 10 minutes					×			TD-085	TD
11/8	08:49	0	Radio Log	39.749521	-121.634132	Radio Log	IC issues updated evac orders, — LE relays on their frequency: Mandatory is in Paradise zones 1, 4, 9, 5, 11, Lower Clark, and all the way up to Magalia, everything				×				VTD-32	Radio Log

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11/8	08:49	0	PPD-02	39.757509	-121.571339	Radio	south of Steiffer [Rd] and Skyway; Butte Creek, Centerville, Upper Honey Run, Lower Skyway, Lower Neal Zones, and zone 10, all warnings										
11/8	08:49	0	Radio Log				S14; all ambulatory patients have been evacuated [from Feather River Hospital]; standing by for evacuation of non-ambulatory					×				PPD-02	Radio
11/8	08:49	0	Radio Log				“Need to get roads open two lanes out of Paradise. We got traffic locked up on Bille [Rd] all through Paradise right now.”			×						VTD-32	Radio Log
11/8	08:49	0	911-184-1	39.753089	-121.576925	911-184-1	immobile, need assistance					×	×			911-184-1	911-184-1
11/8	08:49	0	911-186-2	39.772120	-121.611882	911-186-2	fire right up to road, traffic stuck SB			×						911-186-2	911-186-2
11/8	08:49	26	AVL	39.752233	-121.572483	AVL	powerlines down on side streets; Pentz Rd is full of traffic - not following traffic lane markings; checking homes for residents			×	×					TD-109	TD
11/8	08:49	48	AVL	39.751221	-121.572481	AVL	traffic is bad; knocking on doors; flames hundreds of feet long coming out of canyon			×	×					TD-122	TD
11/8	08:50	0	TD	39.748625	-121.589022	TD	Pearson Rd and Sawmill Rd; set up sign; traffic is all backed up			×		×				TD-034	TD
11/8	08:50	0	TD	39.753567	-121.597139	TD	arrive at third pick up [of bus passenger], Paradise Ave; two minutes here; people driving chaotically; family was picking up passenger to evacuate; very dark; no fire visible yet; radios are working now			×		×				TD-053	TD
11/8	08:50	0	PPD-03	39.757837	-121.571308	video	numerous LE and health care workers and civilians					×				PPD-03	video
11/8	08:50	0	Radio Log	39.781393	-121.579578	Radio Log	1230: “Information; I have Merrill [Rd] traffic evacuating northbound over to Skyway”					×				VTD-32	Radio Log
11/8	08:50	1	PPD-03	39.757837	-121.571308	video	hospital evacuation underway					×				PPD-03	video
11/8	08:50	10	TD-085, TD-067	39.774647	-121.579606	TD	hit gridlock on Pentz Rd; NB is blocked by fifth wheel trying to turn around, SB is moving slow	×		×						TD-116	TD
11/8	08:50	10	TD	39.768638	-121.578051	TD	think CHP closed off NB Pentz Rd?	×								TD-116	TD
11/8	08:50	10	Inferred	39.759118	-121.606935	TD	gas stations on Clark Rd are jammed up			×						TD-053	TD
11/8	08:50	10	Inferred	39.777706	-121.594897	TD	Wagstaff Rd; gridlocked, houses burning, trees burning on north side			×						TD-053	TD
11/8	08:50	10	Inferred	39.775158	-121.593041	TD	traffic is slowing			×						TD-053	TD
11/8	08:51	0	Radio Log	39.762064	-121.568935	Radio Log	LE: evacuation of retirement home is in progress					×				VTD-32	Radio Log
11/8	08:51	4	AVL	39.746300	-121.572233	AVL	No traffic NB. SB light, steady, flowing south of Pearson Rd on Pentz Rd			×						TD-060	TD
11/8	08:52	0	PPD-02	39.781369	-121.579551	video	many vehicles turning around; SB appears to flow, but how many are turning around south of Merrill Rd?			×						PPD-02	video
11/8	08:52	0	Radio Log	39.762064	-121.568935	Radio Log	LE: second floor of main building at retirement home is evacuated					×				VTD-32	Radio Log
11/8	08:52	7	AVL	39.789365	-121.506683	AVL	third try to access address; looking for any other evacuees; road blocked by power lines and downed trees; propane explosions						×			TD-062	TD
11/8	08:52	7	AVL	39.787815	-121.506426	AVL	door-to-door at four not fully involved structures; all houses were clear					×	×			TD-062	TD
11/8	08:52	9	AVL	39.696339	-121.574030	AVL	hardly any traffic on Pentz Rd going uphill before Stearns Rd			×						TD-090	TD
11/8	08:53	0	Radio Log	39.757861	-121.572396	Radio Log	Pentz Rd is a parking lot; need PPD to start working on refuge areas or at least get one lane open for fire			×				×		TD-014	Radio Log
11/8	08:53	0	PPD video	39.759454	-121.606698	PPD video	request “victor” units [police volunteers] to all main intersections on Clark [Rd] for traffic control			×						TD-069	PPD video
11/8	08:53	0	Radio Log	39.749521	-121.634132	Radio Log	LE: passing on evacuation orders...South Pine, Old Magalia, South Coutilenc, South Firland, Carnegie, North Pine, North Firland				×					VTD-32	Radio Log
11/8	08:53	0	PPD-02	39.781369	-121.579551	video	requesting traffic stop for SB traffic on Pentz Rd north of Merrill Rd; traffic cannot come south any more			×						PPD-02	video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:53	0	PPD-02	39.781369	-121.579551	video	trees along east side Pentz Rd near Merrill Rd torching; vehicles stopped SB Pentz Rd			×					PPD-02	video
11/8	08:53	5	PPD-04	39.757809	-121.571217	video	hospital evacuation underway					×			PPD-04	video
11/8	08:53	5	PPD-04	39.757809	-121.571217	video	advising civilians that no roads are blocked yet - take Pentz Rd south out of town			×		×			PPD-04	video
11/8	08:53	10	AVL	39.749967	-121.572467	AVL	Gridlock NB/SB both ways blocked, we drive on shoulder			×					TD-060	TD
11/8	08:53	25	Inferred	39.770173	-121.579305	TD	Pentz Rd and Bille Rd is completely blocked; no other LE or FF there			×					TD-069	TD
11/8	08:53	25	Inferred	39.769732	-121.578948	TD	Pentz Rd SB is open south of Bille Rd; NB is completely jammed south of intersection			×					TD-069	TD
11/8	08:53	25	Inferred	39.756239	-121.575585	TD	call of 2 kids trapped off Fickett Ln (behind 5777 Fickett Ln); house fully involved, partially collapsed, 2x4s showing on fire, flames blowing SW						×		TD-069	TD
11/8	08:53	25	Inferred	39.756134	-121.575085	TD	knock on door of standing house, no answer				×				TD-069	TD
11/8	08:54	0	AVL	39.731390	-121.574204	AVL	Pentz Rd at Malibu Dr, traffic jammed, wall of flame and smoke			×					TD-079	TD
11/8	08:54	0	PPD-02	39.781369	-121.579551	video	PPD advising vehicles to go SB Pentz Rd using both lanes via PA			×		×			PPD-02	video
11/8	08:54	0	PPD-02	39.779573	-121.579685	video	traffic and roadway SB blocked by fire; dark; visibility 100 ft (30 m)	×		×					PPD-02	video
11/8	08:54	0	Radio Log	39.757115	-121.571274	Radio Log	LE Disp: "Butte EMS has everything they have en route to Feather River Hospital, still working on B-Line bus."					×			VTD-32	Radio Log
11/8	08:54	0	911-190-2	39.746319	-121.611872	911-190-2	evac assistance — no car					×	×		911-190-2	911-190-2
11/8	08:54	0	911-191-1	39.785603	-121.595082	911-191-1	evac assistance — disabled					×	×		911-191-1	911-191-1
11/8	08:54	4	AVL	39.767067	-121.576067	AVL	SB Pentz Rd is open, very little traffic. NB Pentz Rd congested, stop for 5 min at a time, flowing slowly but steady, lots of traffic			×					TD-015	TD
11/8	08:55	0	AVL	39.747756	-121.572440	AVL	at Pearson Rd and Pentz Rd, no fire south of here; traffic getting clogged, being directed SB			×					TD-060	TD
11/8	08:55	0	PPD-02	39.779573	-121.579685	video	on PA, turning SB Pentz Rd around to go north			×		×			PPD-02	video
11/8	08:55	0	911-193-1	39.754318	-121.583826	911-193-1	evac assistance					×	×		911-193-1	911-193-1
11/8	08:55	3	Inferred	39.782177	-121.579562	TD	retreat back to Pentz Rd; gridlock SB, use open NB lane to travel south to Wagstaff Rd			×					TD-021	TD
11/8	08:56	0	Radio Log	39.781479	-121.573042	AVL	rescue lady on the street with dog					×	×		TD-061	TD
11/8	08:56	0	video	39.750277	-121.577827	video	Pearson Rd near Hilbe Dr; traffic both directions on Pearson Rd jammed; turn around; no wind; hearing ammunition and propane tank explosions			×					TD-034	video
11/8	08:56	0	Inferred	39.750277	-121.577827	TD	fender bender collision in Pearson Rd curve [near Hilbe Dr]; two DPW stop traffic while third turn trailer around			×					TD-034	TD
11/8	08:56	0	video	39.750614	-121.577492	video	dark, black, and smoky; Pearson Rd is gridlocked. Turn around and follow 5 or 6 sheriffs at location [Pearson Rd at Hilbe Dr]	×		×					TD-036	video
11/8	08:56	0	Radio Log	39.770936	-121.593419	Radio Log	engine diverted/diverting to medical on Pinecrest Dr [unknown if engine acknowledged change in assignment from Debbie and did both or not]						×		TD-111	Radio Log
11/8	08:56	0	911-195-3	39.751570	-121.573871	911-195-3	evac assistance					×	×		911-195-3	911-195-3
11/8	08:56	0	911-196-1	39.740934	-121.571216	911-196-1	evac question					×			911-196-1	911-196-1
11/8	08:56	0	Photo	39.750277	-121.577827	Photo	traffic jammed both directions Pearson Rd near Hilbe Dr			×					TD-034	Photo
11/8	08:56	4	PPD-02	39.782417	-121.579550	video	PPD advising vehicles to turn around and go NB on Pentz Rd; directing traffic			×		×			PPD-02	video
11/8	08:56	71	Inferred	39.752207	-121.607750	TD	gridlock everywhere; tried to go across on Pearson Rd			×					TD-036	TD
11/8	08:57	0	PPD-04	39.757809	-121.571217	video	all patients have been evacuated from the hospital, only staff remains					×			PPD-04	video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	08:57	6	AVL	39.753124	-121.572432	AVL	spot fires starting, both sides; heavy traffic both lanes jammed			×					TD-060	TD
11/8	08:57	6	Inferred	39.759349	-121.572781	video	6075 Pentz Rd; NB standstill traffic			×					VTD-23	video
11/8	08:57	6	Inferred	39.759349	-121.572781	video	few cars SB Pentz Rd briefly, CHP, other LE heading NB splitting lane; then cars begin tailing LE vehicles NB in SB lane			×					VTD-23	video
11/8	08:58	0	PPD-02	39.757509	-121.571339	Radio	S14: "All patients at Feather River Hospital evacuated; working on staff now."					×			PPD-02	Radio
11/8	08:58	0	Photo	39.785687	-121.505861	Photo	1 vehicle off road, fully involved AV015		×						TD-027	Photo
11/8	08:58	6	AVL	39.753821	-121.572434	AVL	lots of traffic, Pentz Rd from Pearson Rd to Del Rio Way			×					TD-079	TD
11/8	08:58	18	Inferred	39.778472	-121.576890	TD	rescue two women from mobile home park; zero visibility; women had flashlight; pass through fire twice in mobile home park to escape back to Pentz Rd						×		TD-043	TD
11/8	08:58	32	AVL	39.757448	-121.572378	AVL	traffic jammed Pentz Rd between Pearson Rd and Bille Rd			×					TD-089	TD
11/8	08:59	0	AVL	39.752255	-121.607750	AVL	PPD traffic control from multiple directions, taking turns, sending down Clark Rd and west on Pearson Rd. Not total gridlock yet.			×					TD-017	TD
11/8	08:59	0	AVL	39.777770	-121.579634	AVL	people running on foot, abandoning vehicles		×	×		×			TD-085	TD
11/8	08:59	0	AVL	39.714940	-121.793578	AVL	Skyway blocked NB by CHP; traffic coming down already out of control; drove over island and then back into normal lanes.	×		×					TD-087	TD
11/8	08:59	0	AVL	39.781420	-121.579549	AVL	hand off lady with dog to another civilian heading NB on Pentz Rd toward Skyway; Line of cars on Merrill Rd, all cars on Pentz headed NB; instructs vehicles to go all the way up Skyway NB to CA-32			×		×	×		TD-061	TD
11/8	08:59	0	PPD-02	39.777732	-121.590577	Radio	1234: "I have EB Wagstaff [Rd] blocked from Clark [Rd] to keep people from going down. Looks like we may be able to open Wagstaff [Rd] to WB traffic, both lanes."			×					PPD-02	Radio
11/8	08:59	0	PPD-02	39.782598	-121.580011	Radio	P29: "1698 Paradisewood Dr, disabled man can't get out. "					×	×		PPD-02	Radio
11/8	08:59	12	AVL	39.786517	-121.507700	AVL	face to face with E2162 and T2107; T2107 sends DZ2140 to go clear burned vehicles off Concow Rd	×							TD-062	TD
11/8	08:59	40	AVL	39.777777	-121.579654	AVL	RV trailer unhitches from a truck; cannot reconnect - driver abandons it and blocks lane; school buses drive NB Pentz Rd onto Wagstaff Rd (not sure if empty or full); instruct people how to drive through waves of fire	×		×					TD-085	TD
11/8	08:59	40	AVL	39.777633	-121.579917	AVL	receive 2 elderly women from BTU engine					×	×		TD-085	TD
11/8	08:59	40	TD-085	39.777697	-121.579712	TD	deliver two rescued women to Battalion Chief at Pentz Rd and Wagstaff Rd						×		TD-043	TD
11/8	08:59	40	Inferred	39.777779	-121.579642	TD	PPD trying to direct traffic; roads are all backed up			×					TD-043	TD
11/8	09:00	0	AVL	39.741169	-121.572728	AVL	no traffic on Pentz Rd until Stearns Rd			×					TD-129	TD
11/8	09:00	0	AVL	39.741169	-121.572728	AVL	traffic jammed on Pentz Rd north of Stearns Rd - cars two lanes SB past Stearns Rd; sky went black, very sharp transition; ground visibility is good, 10 car lengths			×					TD-129	TD
11/8	09:00	0	Photo	39.748627	-121.585107	Photo	Pearson Rd WB solid backup; Pearson Rd EB has some traffic; some 2-lane traffic WB; many emergency vehicles passing by; sky is orange, twilight dark; ground visibility still good			×					TD-034	Photo
11/8	09:00	0	TD	39.753850	-121.628662	TD	traffic getting more dense; no contraflow yet; switch lights to red flash at Skyway and Pearson Rd; visibility good			×		×			TD-011	TD
11/8	09:00	0	TD	39.743553	-121.572733	TD	LEO Pentz Rd and Crandall Way blocking/turning around NB traffic			×					TD-037	TD
11/8	09:00	0	PPD video	39.777735	-121.590430	TD	Clark Rd and Wagstaff Rd; stop EB flow on Wagstaff Rd toward Pentz Rd			×					TD-064	TD
11/8	09:00	0	PPD video	39.777735	-121.590430	TD	take care of counterflow traffic on Wagstaff Rd to get both lanes WB from Pentz Rd to Clark Rd; sent "thousands" of cars down SB			×		×			TD-064	TD
11/8	09:00	0	TD	39.752898	-121.572814	TD	rescue civilians from mobile home; put woman into civilian vehicle and man into engine; hand off man to LE						×		TD-016	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:00	0	PPD video	39.757028	-121.571208	TD	staff advise all patients evac; 4 staff to stay behind in ER					×	×		TD-020	TD
11/8	09:00	0	AVL DZ2140	39.787326	-121.510098	TD	ultimately bring 25 to 30 people to Camelot to joining 25 to 30 people already sheltering in Camelot with BCSO and [TD-110]; fire had already burned through field; visibility dark gray, not black and red; assess the civilians						×	×	TD-013	TD
11/8	09:00	0	TD	39.758293	-121.571793	video	nighttime dark; Pentz Rd is stopped traffic; staff is evacuating toward Bille Rd; light winds; ambulance leaving, more vehicle activity in parking lot with evacuations; someone said patients are all out of hospital			×					VTD-17	video
11/8	09:00	0	Radio Log	39.757115	-121.571274	Radio Log	LE: all patients evacuated from Feather River Hospital					×			VTD-32	Radio Log
11/8	09:00	0	Radio Log	39.757115	-121.571274	Radio Log	LE?: "Feather River Hospital has been emptied of patients...all patients now out of Feather River Hospital and en route, most going to Enloe Medical Center; we are covered with the ambulances."					×			VTD-32	Radio Log
11/8	09:00	0	911-203-1	39.738167	-121.584102	911-203-1	evac assistance					×	×		911-203-1	911-203-1
11/8	09:00	0	911-203-2	39.753089	-121.576925	911-203-2	evac assistance					×	×		911-203-2	911-203-2
11/8	09:00	0	911-204-2	39.762954	-121.590224	911-204-2	evac assistance — bedridden					×	×		911-204-2	911-204-2
11/8	09:00	0	Photo	39.748626	-121.585106	Photo	traffic in both directions. WB backed up as far as can see. EB, traffic, but may be moving			×					TD-034	Photo
11/8	09:00	5	AVL	39.762633	-121.574733	AVL	[FF] directing traffic. Civilians trying to evacuate via Pearson Rd and Bille Rd.			×		×			TD-015	TD
11/8	09:00	18	Inferred	39.777774	-121.579600	TD	Wagstaff Rd is completely blocked with traffic; engine continuing slowly southbound, splitting lanes			×					TD-021	TD
11/8	09:00	20	Inferred	39.747743	-121.572449	TD	traffic is being directed SB on Pentz Rd and W on Pearson Rd; wind starting to pick up			×					TD-037	TD
11/8	09:00	20	Inferred	39.748058	-121.574483	TD	DPW employee stopping traffic from going WB on Pearson Rd at Rockford Ln			×					TD-037	TD
11/8	09:00	20	Inferred	39.750250	-121.575770	TD	traffic is backed up 1 lane west of here (WB traffic)			×					TD-037	TD
11/8	09:00	20	Inferred	39.748989	-121.578594	TD	civilian drove truck off road; jumped on motorcycle to weave through traffic								TD-037	TD
11/8	09:00	20	Inferred	39.748653	-121.579600	TD	all cross streets feeding Pearson Rd all trying to go WB, all backed up; not moving; visibility near zero			×					TD-037	TD
11/8	09:00	23	TD	39.769654	-121.580470	TD	traffic is stopped, two lanes WB on Bille Rd; variable visibility; heavy ember cast			×					TD-116	TD
11/8	09:00	23	TD	39.769265	-121.582001	TD	civilians abandoning vehicles, on foot running, carrying kids and pets		×	×		×			TD-116	TD
11/8	09:00	23	TD	39.769889	-121.583846	TD	abandoned Prius in middle of road, reducing to single lane		×						TD-116	TD
11/8	09:00	23	TD	39.770436	-121.588926	TD	see [PPD] coordinating traffic at Bille Rd and Sawmill Rd			×					TD-116	TD
11/8	09:00	23	TD	39.764952	-121.589020	TD-069	[unconfirmed] advised of a tree and wires down on Sawmill Rd ahead blocking roadway [assumed to be same as TD-069]		×						TD-116	TD
11/8	09:00	30	Inferred	39.791927	-121.590327	TD	Skyway SB is gridlocked; NB is clear. Instructing drivers to drive down middle of roadway; visibility 1.5 car lengths			×		×			TD-064	TD
11/8	09:00	30	TD-085, TD-022	39.777779	-121.579642	TD	trailer gets disconnected from pick-up; driver leaves it behind; pine trees igniting at intersection		×	×					TD-043	TD
11/8	09:00	60	TD	39.732573	-121.636220	TD	traffic heading south on Foster Rd down to Wayland Rd, but saw same cars returning; couldn't get onto SB Neal Rd			×					TD-104	TD
11/8	09:00	60	Inferred	39.766157	-121.626527	TD	gridlock but no fire; try to direct traffic and move abandoned vehicles on Oliver Rd			×					TD-105	TD
11/8	09:00	60	Inferred	39.763634	-121.626698	TD	man approaches, advises about woman in labor; escort lady down sidewalks to Skyway and out					×	×		TD-105	TD
11/8	09:00	60	Inferred	39.759494	-121.623909	TD	face to face with BCSO about handing off woman; advised to take her out now					×	×		TD-105	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:00	60	Inferred	39.758339	-121.624746	TD	driving down sidewalk on Skyway; get stuck			×					TD-105	TD
11/8	09:00	60	Inferred	39.756425	-121.625990	TD	met with PPD and hand over lady to police					×	×		TD-105	TD
11/8	09:00	60	Inferred	39.662597	-121.628734	TD	Fish and Game escorted up Clark Rd on curb, 5 mi/h (2 m/s); contraflow was two lanes outbound on Clark Rd			×					TD-046	TD
11/8	09:00	90	TD	39.782053	-121.604395	TD	periodically checking on neighbors; some still trickling out				×				TD-113	TD
11/8	09:00	120	Inferred	39.751749	-121.574262	TD	power lines starting to fall; worried about getting trapped	×							TD-016	TD
11/8	09:00	120	Inferred	39.753051	-121.574265	TD	rescue civilian into vehicle as garage is igniting						×		TD-016	TD
11/8	09:00	120	Inferred	39.751749	-121.574262	TD	on foot, door to door on Chaney Ln; visibility 100 ft to 200 ft (30m to 60 m), black as night				×				TD-016	TD
11/8	09:00	120	Inferred	39.647341	-121.652164	TD	coordinating evacuation requests from CAL FIRE and sending to [BCSO communications] or dispatch as appropriate				×				TD-018	TD
11/8	09:00	120	TD-058	39.770429	-121.597730	TD	two hours to go from Kmart [Clark Rd and Wagstaff Rd] to Almond St			×					TD-053	TD
11/8	09:00	120	Inferred	39.647341	-121.652164	TD	still managing Concow evacuations from Butte College; another sergeant also working with coordination				×				TD-018	TD
11/8	09:00	120	TD-016	39.755024	-121.574216	TD	E45 working on other side of Pentz Rd doing evac; Fickett Ln				×	×			TD-020	TD
11/8	09:00	180	TD	39.753850	-121.628662	TD	direct traffic at Skyway and Pearson					×			TD-011	TD
11/8	09:00	255	Inferred	39.759514	-121.623843	TD	Skyway and Elliott Rd; guiding traffic with PPD officers and one council member; 5 lanes SB Skyway plus 2 lanes coming WB on Elliott Rd squeeze to 3 lanes SB on Skyway [Skyway has bump outs at Wildwood Ln]			×					TD-033	TD
11/8	09:00	255	Inferred	39.758857	-121.624432	TD	trying to block off parallel parking spots on Skyway			×					TD-033	TD
11/8	09:00	360	TD	39.788752	-121.579595	TD	wife came back from Chico, and then took 6 hours to evacuate; attempted Wagstaff Rd, but was forced down Bille Rd			×		×			TD-023	TD
11/8	09:01	0	AVL	39.741166	-121.572700	AVL	at Stearns Rd, turns dark as night - like a wall; not much downhill traffic - it is sporadic not a full line; seems like everyone trying for Skyway			×					TD-090	TD
11/8	09:01	0	AVL	39.783273	-121.587695	AVL	hit traffic on Clark Rd, Kilcrease Cir			×					TD-058	TD
11/8	09:01	0	PPD-02	39.782587	-121.579572	video	traffic NB on Pentz Rd both lanes; backed up to Paradisewood Dr			×					PPD-02	video
11/8	09:01	0	PPD-02	39.747749	-121.572455	Radio	Victor 206; "CHP advised me to close down eastbound Pearson; there is a traffic situation at Pearson Rd and Pentz Rd."			×					PPD-02	Radio
11/8	09:01	0	PPD-02	39.778583	-121.579579	video	1229: doubled traffic NB on Pentz Rd north of Wagstaff Rd; fire threatening vehicles			×					PPD-02	Radio
11/8	09:01	0	Radio Log	39.762064	-121.568935	Radio Log	LE52: is working to evacuating the last few residents at the retirement facility					×	×		VTD-32	Radio Log
11/8	09:01	0	Radio Log	39.777765	-121.579664	Radio Log	LE: priority request for traffic control at Pentz Rd and Wagstaff Rd			×					VTD-32	Radio Log
11/8	09:01	0	911-206-1	39.745779	-121.588867	911-206-1	evac assistance					×	×		911-206-1	911-206-1
11/8	09:02	0	PPD-02	39.782758	-121.579647	video	on PA advising double lanes NB on Pentz Rd			×		×			PPD-02	video
11/8	09:02	11	AVL	39.706653	-121.574914	AVL	heading up Pentz Rd; a lot more traffic SB on Pentz Rd, SB lanes only; people stopping to take pictures			×					TD-086	TD
11/8	09:02	16	AVL	39.754933	-121.572983	AVL	door-to-door; some residents still here; realize evacuation is the job				×				TD-123	TD
11/8	09:03	0	AVL	39.757133	-121.572250	AVL	traffic is jammed at the hospital			×					TD-079	TD
11/8	09:03	0	911-209-1	39.749513	-121.634117	911-209-1	updates to evacuation orders provided to dispatch; Steiffer Rd to town limits, Zones 1, 11, 2, 6, 12, 5, 4, Lower Clark, and Butte Creek Canyon				×				911-209-1	911-209-1
11/8	09:03	7	Photo	39.752251	-121.607775	TD	directing traffic to go SB Clark Rd at Pearson Rd or WB Pearson Rd towards Skyway; BCSO present; black as night			×					TD-034	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:03	14	AVL	39.777721	-121.590626	AVL	Paradise city employee in POV directing traffic at Clark Rd and Wagstaff Rd. Traffic getting heavy. Clark Rd northbound open, southbound bumper-to-bumper Pearson Rd to Wagstaff Rd			×					TD-017	TD
11/8	09:03	19	AVL	39.753299	-121.574286	AVL	Chaney Ln — no people; on air horn and siren; traffic SB on Pentz Rd is bad			×	×				TD-124	TD
11/8	09:03	20	Inferred	39.759597	-121.572861	video	standstill traffic NB Pentz Rd at 6075 Pentz Rd; SB lanes open; windy, variable visibility 50 ft to 200 ft (15 m to 60 m), light and dark			×					VTD-23	video
11/8	09:03	20	Inferred	39.760734	-121.573395	video	traffic backed up NB. 250 ft (76 m) in 6 minutes. Opposite lane is open; dark, smoky, visibility 100 ft (30 m); Stuck NB at Vineyard Dr			×					VTD-23	video
11/8	09:03	32	AVL	39.761167	-121.573550	AVL	Pentz Rd is impassable, fire impacting Pentz Rd north of hospital to Bille Rd; major gridlock; engines arriving	×		×					TD-014	TD
11/8	09:04	0	PPD-02	39.770448	-121.597597	Radio	Bille Rd at Clark Rd; working on all westbound traffic			×					PPD-02	Radio
11/8	09:04	0	911-211-1	39.844101	-121.591512	911-211-1	evac assistance - caller can't get there from Chico to help					×	×		911-211-1	911-211-1
11/8	09:04	6	TD	39.744727	-121.584405	AVL	6 vehicles in line on Edgewood Rd to get onto Pearson Rd			×					TD-300	TD
11/8	09:04	6	TD	39.747168	-121.579613	AVL	10 to 15 vehicles in line on Stearns Rd to get to Pearson Rd			×					TD-300	TD
11/8	09:04	6	TD	39.744727	-121.584405	AVL	now 20+ vehicles on Edgewood Rd waiting to get onto Pearson Rd			×					TD-300	TD
11/8	09:04	6	TD	39.748630	-121.584399	TD	Pearson Rd is now two lanes WB			×					TD-300	TD
11/8	09:04	32	AVL	39.765269	-121.574923	AVL	Pentz Rd northbound, Del Rio Way to Bille Rd; traffic stopped standing still; driving through ditches; weaving in between; cars bumping us			×					TD-079	TD
11/8	09:05	0	Radio Log	39.775113	-121.506321	Radio Log	WT45: One street over and taking civilians to a gravel area (~20 civilians), trapped by fire, structures burning, refuge in vehicles					×	×		TD-115	TD
11/8	09:05	0	Inferred	39.759834	-121.596212	TD	made it to Debbie Ln for medical call [evacuation assistance]					×			TD-111	TD
11/8	09:05	0	Inferred	39.764649	-121.593669	TD	to Libby Rd; civilians looking out doorways, on PA to advise evacuations				×				TD-111	TD
11/8	09:05	0	PPD-02	39.711449	-121.774704	Radio	C2: Chico PD has soft closure Skyway NB at Honey Run, allowing vehicles to pass if they have people to go evacuate from Paradise			×					PPD-02	Radio
11/8	09:05	0	Radio Log	39.794217	-121.587112	Radio Log	Chico PD 54: at 9100 Skyway, storage, its impassable	×		×					VTD-32	Radio Log
11/8	09:05	0	Radio Log	39.746504	-121.646161	Radio Log	S15: "Need to get traffic moving out of town. Open up both lanes [of Skyway] and get traffic out." — LE Disp: "all lanes of Skyway need to be open for SB traffic"			×					VTD-32	Radio Log
11/8	09:05	0	Radio Log	39.729648	-121.702477	Radio Log	LE Disp: Butte Creek, full thing evacuation warning				×				VTD-32	Radio Log
11/8	09:05	9	Inferred	39.757864	-121.572375	video	NB Pentz Rd is backed up to hospital			×					VTD-17	video
11/8	09:05	9	Inferred	39.757864	-121.572375	video	slow line of cars exits hospital to SB Pentz Rd; both directions on Pentz Rd stopped			×					VTD-17	video
11/8	09:05	9	Inferred	39.755064	-121.572370	video	cars turning back around to hospital parking lot, Pentz Rd and Fickett Ln	×		×			×		VTD-17	video
11/8	09:06	0	PPD video	39.782811	-121.579581	TD	Pentz Rd NB gridlock between Wagstaff Rd and Paradisewood Dr			×					TD-067	TD, PPD video
11/8	09:06	0	PPD-02	39.777775	-121.579603	Radio	S15: "We have Pentz [Rd] clear; I think from somewhere about Wagstaff [Rd] past Sporthaven. It's blackout conditions. There is now no traffic on the roadway [near Feather River Hospital]"			×					PPD-02	Radio
11/8	09:06	0	PPD-05	39.784889	-121.579595	Radio	S15: "We have Pentz [Rd] clear; I think from somewhere about Wagstaff [Rd] past Sporthaven. It's blackout conditions. There is now no traffic on the roadway [near Feather River Hospital]"			×					PPD-05	Radio
11/8	09:06	0	Radio Log	39.755024	-121.572370	Radio Log	LE: "South of the hospital fire is coming across the road. We need to stop sending traffic south on Pentz Rd"	×		×					VTD-32	Radio Log
11/8	09:06	0	Radio Log	39.800448	-121.580867	Radio Log	LE69: directed to Skyway and Pentz Rd [to stop SB traffic]			×					VTD-32	Radio Log

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:06	0	911-213-2	39.798614	-121.576886	911-213-2	evacuation assistance					×	×		911-213-2	911-213-2
11/8	09:06	0	911-214-1	39.805507	-121.577696	Inferred	trying to turn people around to get evacuated [not clear which way]			×		×			911-214-1	911-214-1
11/8	09:06	8	Inferred	39.757977	-121.572032	video	in line to exit hospital parking lot; gusty wind; nighttime dark			×		×		×	VTD-17	video
11/8	09:07	0	Photo	39.756012	-121.572343	Photo	two-way traffic on Pentz Rd; variable ground visibility 15 ft to 200 ft (5 m to 60 m); dark with orange glow; no surface fire on west side of Pentz Rd			×					TD-209	Photo
11/8	09:07	0	PPD-02	39.786860	-121.579302	video	traffic two lanes NB backed up to Dean Rd; calm surface winds; night dark			×					PPD-02	video
11/8	09:07	0	PPD-02	39.777777	-121.579615	Radio	1229: "VIP available for disabled transport Pentz [Rd] and Wagstaff [Rd]; fire has evacuated them, but they need their engine"					×	×		PPD-02	Radio
11/8	09:07	0	PPD-05	39.777773	-121.579605	Radio	1229: "VIP available for disabled transport Pentz [Rd] and Wagstaff [Rd]; fire has evacuated them, but they need their engine"					×			PPD-05	Radio
11/8	09:07	0	911-215-1	39.781185	-121.580416	911-215-1	request evacuation assistance for immobile citizen with O2					×	×		911-215-1	911-215-1
11/8	09:07	0	911-216-1	39.775077	-121.581572	911-216-1	evac, temp refuge in basketball court at Ponderosa Elementary School; 6 cars attempting to escape fire and traffic on Pentz Rd						×	×	911-216-1	911-216-1
11/8	09:07	0	911-217-1	39.804374	-121.578145	Inferred	fire across both sides of road, blocked traffic			×					911-217-1	911-217-1
11/8	09:07	0	Photo	39.756145	-121.572358	Photo	vehicles both directions			×					TD-209	Photo
11/8	09:07	53	Inferred	39.774524	-121.579611	TD	traffic backed up SB Pentz Rd; travel using NB lane			×					TD-040	TD
11/8	09:07	53	Inferred	39.770176	-121.579309	TD	BCSO directing traffic at Bille Rd and Pentz Rd; traffic chaos			×					TD-040	TD
11/8	09:07	53	Inferred	39.778742	-121.579564	TD	civilians leaving mobile home park					×			TD-040	TD
11/8	09:07	53	Inferred	39.781358	-121.579556	TD	cars evacuating from Merrill Rd			×		×			TD-040	TD
11/8	09:07	53	Inferred	39.781358	-121.579556	TD	car half on fire at Merrill Rd and Pentz Rd; stopped driver and put out fire, 80 yr old woman. Woman was picked up by another driver						×		TD-040	TD
11/8	09:08	0	AVL	39.746017	-121.639250	AVL	no NB traffic; SB traffic getting congested but still moving			×					TD-087	TD
11/8	09:08	0	Radio Log	39.746425	-121.646396	Radio Log	LE: "at Concow [and CA-70], made contact with county rep, CHP is going to start working contraflow on Skyway shortly"			×					VTD-32	Radio Log
11/8	09:08	8	Inferred	39.777773	-121.596991	video	Wagstaff Rd WB is backed up from Skyway to Clark Rd, full			×					VTD-18	video
11/8	09:08	8	Inferred	39.777774	-121.592556	video	some traffic on Wagstaff Rd EB between Skyway and Clark Rd, moving normal			×					VTD-18	video
11/8	09:09	0	ToP CodeRED	39.753511	-121.602275	TD	receive my first evacuation warning for selected zones [point is located in Zone 6] [Town of Paradise CodeRED 9:09 evacuation order for Zones 2,3,5,6,7,8,13,14 (note BCSO call at 08:34 also included order zone 6)]				×				TD-050	TD
11/8	09:09	0	PPD-05	39.751594	-121.573853	Radio	request for medical evac female who can't get out, wheelchair bound at 5642 Chaney Ln					×	×		PPD-05	Radio
11/8	09:09	0	PPD-05	39.757952	-121.571772	video	20 to 30 (estimated) vehicles jammed trying to leave hospital parking lot			×					PPD-05	video
11/8	09:09	0	PPD-05	39.777719	-121.590608	Radio	256: "Clark [Rd] and Wagstaff [Rd] completely blocked at the intersection in all directions. I've got EB Wagstaff [Rd] blocked off at this time."	×		×					PPD-05	Radio
11/8	09:09	0	Radio Log	39.794674	-121.586883	Radio Log	LE: "I have Skyway blocked south of Clark [Rd]. It's going to be impassable."	×		×					VTD-32	Radio Log
11/8	09:10	0	Photo	39.749586	-121.607732	Photo	Clark Rd some traffic NB; dark orange glowing sky			×					TD-034	Photo
11/8	09:10	0	PPD video	39.782811	-121.579581	TD	civilian requests assistance at Paradisewood Dr; two civilians in vehicle					×			TD-067	TD, PPD video
11/8	09:10	0	TD-045	39.777784	-121.579709	TD	travel south on Pentz Rd to Wagstaff Rd; jack-knifed trailer vehicle blocking Wagstaff Rd and cannot pass; people are abandoning vehicles	×		×					TD-022	TD
11/8	09:10	0	Inferred	39.770400	-121.601397	TD	PA evacuation and spot fires on Bille Rd				×				TD-111	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:10	0	PPD-02	39.788744	-121.579551	video	traffic on Pentz Rd backed up to Apple View Way			×					PPD-02	video
11/8	09:10	0	PPD-02	39.788744	-121.579551	video	PPD has two passengers with them					×	×		PPD-02	Radio
11/8	09:10	0	PPD-05	39.474951	-121.543129	Radio	S15: "Do we have a local shelter for people?" — Paradise: "at this time the shelter is set up at the Nazarene Church in Chico, nothing local at this time."					×			PPD-05	Radio
11/8	09:10	0	PPD-05	39.782811	-121.579581	video	"I have two in the back of the car"					×	×		PPD-05	Radio
11/8	09:10	0	PPD-05	39.474951	-121.543129	Radio	A2: "Center is the Nazarene Church in Oroville, we need to have people not stay local, we need to move them out of town."					×			PPD-05	Radio
11/8	09:10	0	911-220-1	39.770202	-121.591084	911-220-1	evac assistance					×	×		911-220-1	911-220-1
11/8	09:10	0	Photo	39.749585	-121.607731	Photo	several vehicles NB on Clark Rd			×					TD-034	Photo
11/8	09:10	30	PPD video	39.757899	-121.572386	PPD video	direct traffic for 30 minutes on Pentz Rd at the hospital			×					TD-063	TD, PPD video
11/8	09:10	49	AVL	39.748260	-121.584384	TD	stuck in traffic jam at Edgewood Ln and Pearson Rd; creeping along			×					TD-300	TD
11/8	09:11	0	AVL	39.752117	-121.619683	AVL	traffic WB is heavy but moving; little EB traffic			×					TD-087	TD
11/8	09:11	0	Photo	39.766209	-121.601713	TD	evacuated area down Clark Rd; traffic flowing, got down in 20 minutes			×					TD-077	TD
11/8	09:11	0	PPD-02	39.790044	-121.579615	video	traffic on Pentz Rd backed up to Sweetbriar Ln			×					PPD-02	video
11/8	09:11	0	PPD-05	39.761954	-121.573972	Inferred	15: "Don't know if I can get back that way, I'm north of the hospital, it's pretty involved, plus I've got two in the back seat."					×			PPD-05	Radio
11/8	09:11	0	Radio Log	39.748598	-121.589032	Radio Log	LE Disp: "Pearson Rd at Sawmill Rd, need to stop all traffic [EB toward Pentz Rd]."	×	×						VTD-32	Radio Log
11/8	09:11	0	911-221-2	39.766771	-121.575815	911-221-2	2 ambulances with patients trapped	×				×	×		911-221-2	911-221-2
11/8	09:12	0	AVL	39.752231	-121.607731	AVL	traffic heavy on Clark Rd, NB traffic turning both ways onto Pearson Rd			×					TD-087	TD
11/8	09:12	0	PPD-05	39.757892	-121.571664	video	S14: "Got a little bit of a firestorm here at [Feather River Hospital], traffic slowly clearing out fire threatening all around all the buildings including gas tanks and oxygen."			×					PPD-05	Radio
11/8	09:12	0	PPD-05				NB Pentz Rd north of you is clear now to Wagstaff Rd			×					PPD-05	Radio
11/8	09:12	0	911-224-1	39.737701	-121.584901	911-224-1	evac assistance					×	×		911-224-1	911-224-1
11/8	09:12	1	PPD-02	39.790733	-121.580696	video	vehicle comes out of Blue Spruce Mobile Home Park; PPD enters to check for additional civilians; on horn and PA, saying "mandatory evacuation, NB Pentz Rd"; encounter one civilian			×	×				PPD-02	video
11/8	09:12	8	Inferred	39.798378	-121.581403	TD	split lanes of traffic backed up on Gate Ln			×					TD-067	TD
11/8	09:12	9	Inferred	39.766809	-121.575783	AVL	active fire, fire spotting to the west side of Pentz Rd. Ambulances drive by with sirens, northbound in southbound lanes.			×					TD-015	TD
11/8	09:12	11	AVL	39.766611	-121.576095	AVL	discuss evacuations with town manager via phone			×	×				TD-015	TD
11/8	09:13	0	PPD-02	39.777726	-121.590557	Radio	Wagstaff Rd and Clark Rd is gridlock			×					PPD-02	Radio
11/8	09:13	0	PPD-02	39.791425	-121.579562	video	NB traffic on Pentz Rd two lanes; backed up to here; new vehicles joining back of line from south on Pentz Rd			×					PPD-02	video
11/8	09:13	0	911-227-1	39.766616	-121.616018	911-227-1	request for evacuation assistance; citizen has no way to evacuate, all passing vehicles are full					×	×		911-227-1	911-227-1
11/8	09:13	10	AVL	39.732050	-121.573950	AVL	SB traffic gridlocked; few cars NB			×					TD-086	TD
11/8	09:13	10	AVL	39.737912	-121.572640	AVL	SB traffic backed up between Malibu Dr and York Towne Manor			×					TD-086	TD
11/8	09:14	0	Inferred	39.746630	-121.645625	TD	traffic congested, but moving [SB Skyway]; closer to town there is some contraflow			×					TD-055	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:15	0	TD	39.741218	-121.572728	TD	Pentz Rd and Stearns Rd; gridlock SB, NB is open and empty			×					TD-068	TD
11/8	09:15	0	Inferred	39.777779	-121.580758	TD	Wagstaff Rd is two lanes WB			×					TD-043	TD
11/8	09:15	0	Inferred	39.770441	-121.597446	TD	Bille Rd to Clark Rd took 30 minutes			×					TD-042	TD
11/8	09:15	0	PPD-02	39.793626	-121.579600	video	Pentz Rd NB traffic two lanes backed up to Drayer Dr			×					PPD-02	video
11/8	09:15	0	PPD-05	39.757894	-121.572390	video	traffic stopped both directions on Pentz Rd; parking lot mostly empty			×					PPD-05	video
11/8	09:15	0	PPD-05	39.777738	-121.590604	Radio	completely blocked WB, SB, no traffic NB Clark Rd and Wagstaff Rd			×					PPD-05	Radio
11/8	09:15	0	Radio Log	39.758542	-121.608746	Radio Log	LE dispatch announcing address for rescue 1077 Shadowbrook Way; also has 3 more addresses waiting 1441 Sleepy Hollow, 937 Deer Creek Ln, 5658 Woodglen Dr					×			VTD-32	Radio Log
11/8	09:15	0	Radio Log	39.762707	-121.592057	Radio Log	LE dispatch announcing address for rescue 1077 Shadowbrook Way; also has 3 more addresses waiting 1441 Sleepy Hollow, 937 Deer Creek Ln, 5658 Woodglen Dr					×			VTD-32	Radio Log
11/8	09:15	0	Radio Log	39.773472	-121.614201	Radio Log	LE dispatch announcing address for rescue 1077 Shadowbrook Way; also has 3 more addresses waiting 1441 Sleepy Hollow, 937 Deer Creek Ln, 5658 Woodglen Dr					×			VTD-32	Radio Log
11/8	09:15	0	Radio Log	39.752438	-121.584068	Radio Log	LE dispatch announcing address for rescue 1077 Shadowbrook Way; also has 3 more addresses waiting 1441 Sleepy Hollow, 937 Deer Creek Ln, 5658 Woodglen Dr					×			VTD-32	Radio Log
11/8	09:15	0	911-228-1	39.762887	-121.590201	911-228-1	civilian attempting to evacuate bedridden neighbor					×	×		911-228-1	911-228-1
11/8	09:15	8	Inferred	39.756175	-121.572325	video	leaving hospital Pentz Rd SB with others			×		×			VTD-17	video
11/8	09:15	8	Inferred	39.751812	-121.572479	video	radio: "KPAY update on the Camp Fire this morning for you [...] All of Paradise now reportedly under mandatory evacuations except for areas of lower Clark Rd, lower Neal Rd, and lower Skyway Rd [sic]. Oroville CHP advising that everyone please leave the area immediately and do not try and re-enter. The towns of Paradise, [unintelligible], Pulga, also Concow under those mandatory evacuation orders due to the Camp Fire."				×				VTD-17	video
11/8	09:15	8	Inferred	39.747742	-121.572427	video	Pentz Rd at Pearson Rd, traffic directed straight down Pentz Rd; multiple law enforcement directing			×					VTD-17	video
11/8	09:15	15	Inferred	39.747726	-121.572492	TD	traffic backed up on Pearson Rd WB to Pentz Rd			×					TD-068	TD
11/8	09:15	15	Inferred	39.748751	-121.579216	TD	turn on lights to get through oncoming lane of traffic; BCSO and CHP in this area			×					TD-068	TD
11/8	09:15	15	Inferred	39.748636	-121.585019	TD	civilian vehicles tailing behind through traffic toward Clark Rd			×					TD-068	TD
11/8	09:15	68	Inferred	39.772987	-121.595250	TD	NB on Clark Rd; 1 lane NB open, 4 lanes SB backed up all the way to Wagstaff Rd			×					TD-042	TD
11/8	09:15	68	Inferred	39.777771	-121.590595	TD	Wagstaff Rd WB is moving at Clark Rd			×					TD-042	TD
11/8	09:15	68	Inferred	39.777646	-121.606293	TD	intersection of Skyway and Wagstaff Rd; identify 3 potential refuge areas (gas station, thrift shop, recycle area)			×			×		TD-042	TD
11/8	09:15	68	Inferred	39.780229	-121.598311	TD	hear about civilian needing rescue; head Wagstaff Rd to Rocky Ln					×			TD-042	TD
11/8	09:15	68	Inferred	39.796035	-121.585021	TD	traffic jammed at Cabernet Ln and Clark Rd; walk up to Skyway			×					TD-042	TD
11/8	09:16	0	PPD-02	39.791837	-121.579624	video	civilian vehicle at Middle Tree Ln leaving residence; instructed to go NB Pentz Rd on PA			×		×			PPD-02	video
11/8	09:16	0	PPD-02	39.777742	-121.590594	Radio	completely blocked WB, SB, no traffic NB Clark Rd and Wagstaff Rd			×					PPD-02	Radio
11/8	09:16	0	PPD-02	39.786864	-121.579599	video	2 civilian vehicles leaving neighborhood from Dean Rd; instructed to go NB Pentz Rd			×		×			PPD-02	video
11/8	09:16	0	Radio Log	39.647307	-121.634483	Radio Log	LE: "We need somebody to block off Clark Rd down by Butte College so that we don't have any NB traffic [to activate all SB traffic]"	×		×					VTD-32	Radio Log
11/8	09:16	0	911-230-2	39.755942	-121.599648	911-230-2	yard on fire, trapped in road with traffic and nowhere to go			×					911-230-2	911-230-2

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11/8	09:16	0	911-230-3	39.765931	-121.612778	911-230-3	Life Alert calling for evac assistance; advised to evacuate with neighbors because cannot send anyone					×	×		911-230-3	911-230-3
11/8	09:16	0	911-231-1	39.794044	-121.513183	911-231-1	third party caller requesting medical attention for resident with burns at this location						×		911-231-1	911-231-1
11/8	09:16	21	AVL	39.748633	-121.583300	AVL	all lanes WB on Pearson from Sawmill east; driving in ditch hitting mailboxes; people with boats or RV trailers snarling traffic			×					TD-087	TD
11/8	09:17	0	AVL	39.747783	-121.573267	AVL	can't get past Pearson Rd on Pentz Rd; WB Pearson Rd backed up to Pentz Rd	×		×					TD-009	TD
11/8	09:17	0	Photo	39.713222	-121.785453	Photo	Skyway SB is full backed up toward Paradise; NB is totally empty			×					TD-127	TD
11/8	09:17	0	Photo	39.713222	-121.785453	Photo	2 lanes heavy traffic SB/WB			×					TD-127	Photo
11/8	09:18	0	Inferred	39.770096	-121.579294	TD	full gridlock of NB traffic trying to go WB on Bille Rd; CHP and BCSO at intersection (6 or 7 LE)			×					TD-021	TD
11/8	09:18	0	PPD-05	39.757895	-121.572366	video	unclear which way to send people, north or south on Pentz Rd; discussion with other LEO			×					PPD-05	video
11/8	09:18	0	TD	39.777298	-121.590996	Photo	Clark Rd 2 lanes SB backed up in SB lanes, NB open no traffic visible			×					VTD-18	video
11/8	09:18	0	TD	39.777135	-121.590419	Photo	complete overcast, evening darkness, streetlights on, visibility good, slight haze; approx. 20 cars scattered in parking lot						×		VTD-18	video
11/8	09:18	0	Radio Log	39.746453	-121.646218	Radio Log	LE Disp: "We do want to open 4 lanes. I believe CHP is working on that, but they have not called us back. Chico has a hard closure to Skyway NB at Bruce [Rd]."	×		×					VTD-32	Radio Log
11/8	09:18	0	Radio Log	39.713969	-121.788110	Radio Log	LE Disp: "We do want to open 4 lanes. I believe CHP is working on that, but they have not called us back. Chico has a hard closure to Skyway NB at Bruce [Rd]."	×		×					VTD-32	Radio Log
11/8	09:18	3	PPD video	39.761089	-121.573549	TD	truck pulling 5th wheel weaving crazy through traffic; traffic is stopped; visibility <20 feet; no fire yet			×					TD-069	TD
11/8	09:18	5	PPD-05	39.757894	-121.572390	video	no vehicles visible on Pentz Rd at Feather River Hospital			×					PPD-05	video
11/8	09:19	0	PPD-02	39.758103	-121.571656	Radio	S14: "Hospital parking lot is cleared out; NB Pentz [Rd] is stuck. Fire has jumped WB from our location."			×					PPD-02	Radio
11/8	09:19	0	PPD-05	39.757895	-121.572366	video	S14: "Hospital parking lot is cleared out; NB Pentz [Rd] is stuck. Fire has jumped WB from our location."			×					PPD-05	Radio
11/8	09:19	0	PPD-05	39.777744	-121.590598	Radio	253: Clark Rd and Wagstaff Rd; people are starting to drive south in NB lanes because the intersection is still blocked.			×					PPD-05	Radio
11/8	09:19	0	Radio Log	39.768669	-121.578092	Radio Log	LE25: "Traffic is still deadlocked on Pentz Rd just south of Eden Roc which is south of Bille [Rd]" — Disp: "Pentz [Rd] just south of Bille [Rd] going NB, fire on both sides, we're trying."	×		×					VTD-32	Radio Log
11/8	09:19	0	911-234-1	39.759741	-121.572086	911-234-1	request for evacuation assistance, no way to evacuate					×	×		911-234-1	911-234-1
11/8	09:19	0	911-234-2	39.763874	-121.572729	911-234-2	entrapment — long call - can't see, can't breathe					×	×		911-234-2	911-234-2
11/8	09:19	0	911-235-1	39.781183	-121.580399	911-235-1	request for evacuation assistance, non-ambulatory					×	×		911-235-1	911-235-1
11/8	09:19	0	911-237-1	39.775143	-121.506302	Radio Log	Water Tender 45, trapped with 20 civilians in vehicles						×	×	911-237-1	911-237-1
11/8	09:19	7	AVL	39.791533	-121.506467	AVL	encounter woman with disabled, high-centered vehicle taking refuge in creek; collect her and two dogs into engine						×	×	TD-062	TD
11/8	09:20	0	TD	39.748653	-121.579600	TD	pick up civilian on foot into truck					×	×		TD-037	TD
11/8	09:20	0	TD	39.750115	-121.583178	TD	civilian had abandoned POV on Butte View Ter because of gridlock			×					TD-037	TD
11/8	09:20	0	Inferred	39.762060	-121.574080	TD	driving in grass to get further north			×					TD-069	TD
11/8	09:20	0	PPD video	39.796984	-121.585689	TD	alternate traffic SB from Clark Rd and from Skyway			×					TD-067	TD
11/8	09:20	0	Inferred	39.784792	-121.579607	TD	NB on Pentz Rd; traffic in both directions			×					TD-022	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:20	0	PPD-02	39.777700	-121.590651	Radio	Clark Rd and Wagstaff Rd; people are starting to drive south in NB lanes because the intersection is still blocked			×					PPD-02	Radio
11/8	09:20	0	PPD-02				A Chief: CHP initiating contraflow outbound only Clark Rd, Pentz Rd, and Skyway			×					PPD-02	Radio
11/8	09:20	0	PPD-02	39.794484	-121.579625	video	Pentz Rd NB traffic two lanes backed up to Arany Ct			×					PPD-02	video
11/8	09:20	0	PPD-05				A Chief: CHP initiating contraflow outbound only Clark Rd, Pentz Rd, and Skyway			×					PPD-05	Radio
11/8	09:20	0	911-239-1	39.806520	-121.594880	911-239-1	request for evacuation assistance, Lifeline calling on behalf of elderly resident; advised to convince neighbors to evacuate them, resources are extremely limited					×	×		911-239-1	911-239-1
11/8	09:21	0	Radio Log	39.766933	-121.575940	Radio Log	Ambulance catches fire, blocking traffic. Paramedics remove patient on gurney	×				×	×		TD-015	TD
11/8	09:21	0	Radio Log	39.712233	-121.714874	Inferred	Advise units traveling Skyway; [civilian] vehicles using inbound lane for evacuation [from Paradise], stay in right hand lane [toward Paradise] to avoid collision			×					TD-127	Radio Log
11/8	09:21	0	PPD-02	39.757221	-121.572309	Radio	S14: "Pentz Rd south of the hospital is blocked or inaccessible at this point."	×							PPD-02	Radio
11/8	09:21	0	PPD-02	39.794958	-121.579641	video	civilian vehicle at Aspen Ln leaving neighborhood			×					PPD-02	video
11/8	09:21	0	PPD-05	39.770122	-121.579312	Radio	P29: "Going to delay SB traffic at Pentz [Rd] and Bille [Rd] to allow NB traffic to turn onto Bille [Rd]." — 13: "Once we get this clear we'll be able to do only southbound."			×		×			PPD-05	Radio
11/8	09:21	0	911-241-1	39.812138	-121.578005	911-241-1	Disp: "Please evacuate immediately."				×				911-241-1	911-241-1
11/8	09:22	0	PPD-02	39.794991	-121.580687	video	on PA for mandatory evac; civilians loading up pickup and RV trailer on Aspen Ln				×	×			PPD-02	video
11/8	09:22	0	PPD-02	39.770164	-121.579312	Radio	P29 at Pentz Rd and Bille; — 13: "Active flames against road [Pentz Rd south of Bille Rd, near Conifer, 2 NB lanes]." — P29: "Going to delay SB traffic at Pentz Rd and Bille [Rd] to allow NB traffic to turn onto Bille [Rd]."			×					PPD-02	Radio
11/8	09:22	0	Radio Log	39.793199	-121.587832	Radio Log	LE: "Pheasant Ridge Commons evacuating people going SB on Skyway."			×		×			VTD-32	Radio Log
11/8	09:22	0	911-244-1	39.762887	-121.590201	911-244-1	need ambulance, wheelchair, can't get out of house [third call]					×	×		911-244-1	911-244-1
11/8	09:22	25	AVL	39.752383	-121.574300	AVL	IC announces life safety only; go door-to-door				×				TD-123	TD
11/8	09:23	0	PPD-02	39.795239	-121.579635	video	no wind; traffic NB on Pentz Rd backed up to Piney Ridge Dr			×					PPD-02	video
11/8	09:23	0	PPD-05	39.770427	-121.597712	Radio	A1: "Completely gridlock Clark [Rd] at Bille [Rd]; no movement."			×					PPD-05	Radio
11/8	09:23	14	AVL	39.746182	-121.572306	AVL	ahead on road too congested...back into subdivision; 2 Ishi crew buses also with me			×					TD-086	TD
11/8	09:23	14	AVL	39.746182	-121.572306	AVL	sheriff turning around traffic to go south			×					TD-086	TD
11/8	09:23	14	AVL	39.746186	-121.571265	TD	door to door in subdivision (all 12 homes), help 2 couples leave; visibility 1 ft (0.3 m), pitch black; fire sounds like freight train, heavy ember cast				×	×			TD-086	TD
11/8	09:23	15	AVL	39.761517	-121.573750	AVL	traffic jammed; cars 3 wide northbound, ditch-to-ditch; cannot pass, get blocked in			×					TD-090	TD
11/8	09:23	15	AVL	39.761517	-121.573750	AVL	get out of the truck on foot, collected 5 nurses and put into BCSO coming from the south on Pentz Rd. Direct them to go back to hospital					×	×		TD-090	TD
11/8	09:23	52	PPD video	39.757841	-121.572379	TD	Pentz Rd is impassable north and south of hospital	×							TD-063	TD, PPD video
11/8	09:23	142	Radio Log	39.770023	-121.579420	TD	hook up to hydrant to protect intersection and liquor store with deck gun (estimated reach 100 ft to 150 ft [30 m to 45 m]); good hydrant pressure; wind gusting 20 mi/h to 30 mi/h (9 m/s to 13 m/s); variable visibility					×	×		TD-021	TD
11/8	09:23	147	Inferred	39.769891	-121.579352	TD	pack vehicles into parking lot; est. 70 to 100 vehicles within reach of deck gun (200 ft) [60 m]	×				×	×		TD-021	TD
11/8	09:23	147	Inferred	39.768860	-121.577461	TD	vehicles sheltering in church parking lot						×		TD-038	TD
11/8	09:23	147	Inferred	39.770526	-121.579195	TD	vehicles sheltering across street						×		TD-038	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:24	0	PPD-02	39.770451	-121.597745	Radio	A1: "Completely gridlock Clark [Rd] at Bille [Rd]; no movement."			×					PPD-02	Radio
11/8	09:24	0	PPD-05	39.762823	-121.574409	Radio	13: "Active flames on both sides of road Pentz [Rd] near Conifer [Dr]; traffic stopped."			×					PPD-05	Radio
11/8	09:24	6	Inferred	39.761781	-121.622606	TD	driving on side of road and in yards part of the way up Skyway			×					TD-127	TD
11/8	09:24	6	Inferred	39.770376	-121.612305	TD	Bille Rd and Skyway intersection is gridlocked; two lanes Bille Rd are WB toward Skyway; hop onto bike path to get north			×					TD-127	TD
11/8	09:24	7	PPD-05	39.757878	-121.572407	video	cars start passing SB on Pentz Rd (30 to 40 total SB, including 1 medium-sized bus)			×					PPD-05	video
11/8	09:24	61	AVL	39.789685	-121.579572	AVL	still civilians around on Pentz Rd side streets; on PA for evacuations			×	×	×			TD-061	TD
11/8	09:25	0	PPD video	39.796179	-121.585093	TD	civilian vehicles taking bike path; TD075 stops them to direct down Skyway			×					TD-067	TD
11/8	09:25	0	PPD-02	39.781197	-121.580396	Radio	P30 dispatched to 1712 Merrill Rd; civilian trapped in home on fire						×		PPD-02	video
11/8	09:25	0	PPD-02				A1: "Incoming resources from the south need to get SB traffic on Clark Rd and Skyway moving south to get traffic moving."			×					PPD-02	Radio
11/8	09:25	0	PPD-02	39.796180	-121.585127	Radio	Traffic SB on bike path at Clark Rd and Skyway; Magalia residents coming down Skyway			×					PPD-02	Radio
11/8	09:25	0	PPD-02	39.793018	-121.579600	video	4 civilian vehicles traveling NB Pentz Rd near Drayer Dr			×					PPD-02	video
11/8	09:25	0	PPD-05				A1: "incoming resources from south need to get SB traffic on Clark [Rd] and Skyway moving south to get traffic moving. I hear we have Yuba-Sutter CHP coming up can you contact them and see if they can work on 191 [CA-191, Clark Rd] south of here."			×					PPD-05	Radio
11/8	09:25	0	PPD-05	39.796180	-121.585092	Radio	15: traffic SB on bike path at Clark Rd and Skyway; Magalia residents coming down Skyway			×					PPD-05	Radio
11/8	09:25	0	Radio Log	39.647307	-121.634483	Radio Log	LE526 "Blocking Clark [Rd] NB at Durham-Pentz [Rd]."	×		×					VTD-32	Radio Log
11/8	09:25	0	Radio Log	39.746173	-121.638059	Radio Log	LE J95: "Diversion for vehicles if overflow is needed to be sent SB on Neal Rd; there is light traffic SB on Neal Rd right now."			×					VTD-32	Radio Log
11/8	09:26	0	Photo	39.747298	-121.584371	Photo	1 lane Edgewood Ln backed up as far as can see, at least 1000 ft (300 m) from Pearson Rd			×					TD-300	Photo
11/8	09:26	0	PPD-02	39.762866	-121.574378	Radio	Pentz Rd NB is slowly moving near Conifer Dr			×					PPD-02	Radio
11/8	09:26	0	PPD-05	39.762823	-121.574409	Radio	Pentz Rd NB is slowly moving near Conifer Dr			×					PPD-05	Radio
11/8	09:26	0	Inferred	39.761637	-121.573849	video	2 lanes NB			×					VTD-23	video
11/8	09:26	0	Radio Log	39.748953	-121.576079	Radio Log	LE: "Visible fire just south of Pearson [Rd] cross of Rockford Ln; traffic is gridlocked, trying to get them out of there now."			×					VTD-32	Radio Log
11/8	09:26	33	Inferred	39.748603	-121.584400	TD	people abandoning vehicles and running	×	×						TD-300	TD
11/8	09:26	33	Inferred	39.748621	-121.584636	Photo	Land Cruiser drove through trees and crashed into ditch trying to escape through yard	×	×						TD-300	TD
11/8	09:26	64	AVL	39.766323	-121.576244	AVL	Shelter in place at 1830 Chloe Ct					×	×		TD-015	TD
11/8	09:27	0	PPD-05	39.757878	-121.572407	video	5 to 10 cars NB Pentz Rd			×					PPD-05	video
11/8	09:27	0	Inferred	39.761773	-121.573921	video	has not moved; active vegetation fire against roadway			×					VTD-23	video
11/8	09:28	0	Radio Log	39.766557	-121.576282	AVL	medics are now inside the garage					×	×		TD-015	TD
11/8	09:28	0	Radio Log	39.766378	-121.576218	TD	advised that medics at Chloe Ct are inside the garage						×		TD-111	Radio Log
11/8	09:28	0	video	39.778120	-121.590366	video	1713 stuck on Clark Rd at Wagstaff Rd in traffic jam; wind not moving the bus			×					TD-058	TD, video
11/8	09:28	0	PPD-02				29: "13 I'm going to start tripling up lanes, it's stopped here."			×					PPD-02	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:28	0	PPD-02	39.770141	-121.579352	Radio	both lanes Bille Rd from Pentz Rd are going WB			×					PPD-02	Radio
11/8	09:28	0	PPD-05	39.770130	-121.579301	Radio	both lanes Bille Rd from Pentz Rd are going WB			×					PPD-05	Radio
11/8	09:28	0	TD	39.779655	-121.589544	video	line of cars backed up Clark Rd SB north of Wagstaff Rd (as far as can see)			×					VTD-18	video
11/8	09:28	0	Radio Log	39.720320	-121.578676	Radio Log	“Unit 83 has all lanes open on Pentz Rd for SB traffic only.”			×					VTD-32	Radio Log
11/8	09:28	0	Radio Log	39.746452	-121.646318	Radio Log	“Unit 69 advised all 4 lanes on Skyway are open.”			×					VTD-32	Radio Log
11/8	09:28	0	Photo	39.778000	-121.590473	Photo	intersection of Wagstaff Rd and Clark Rd gridlocked; 2 lanes WB Wagstaff Rd at Clark Rd; WB Wagstaff Rd backed up through Clark Rd; 2 lanes Clark Rd SB at Wagstaff Rd, NB 2 lanes open, some vehicles trying to turn onto Wagstaff Rd WB. No movement.			×					TD-052	Photo
11/8	09:28	0	Photo	39.777242	-121.590473	Photo	no vehicles visible in Paradise Plaza parking lot			×			×		TD-052	Photo
11/8	09:28	0	Photo	39.469936	-121.575638	Photo	light traffic both directions			×					TD-091	Photo
11/8	09:28	8	Inferred	39.774068	-121.594206	TD	traffic really bad; all lanes SB on Clark Rd; cars driving off-road			×					TD-111	TD
11/8	09:28	8	Inferred	39.770427	-121.593810	TD	stop on Bille Rd and direct traffic			×					TD-111	TD
11/8	09:29	0	Radio Log	39.720320	-121.578676	Radio Log	LE: both lanes of Pentz Rd N and S open towards CA-70			×					VTD-32	Radio Log
11/8	09:30	0	Radio Log	39.761301	-121.573636	AVL	“That’s what we’re working on right now, we’re not fighting fire, we’re just trying to get people moving”					×			TD-014	Radio Log
11/8	09:30	0	TD	39.787371	-121.509519	TD	All people out of Concow [Camelot Safety Zone] before 09:30 [between 09:30 and 10:00]						×		TD-008	TD
11/8	09:30	0	TD	39.759961	-121.644948	TD	neighbor advises about fire coming and to consider evacuations				×				TD-026	TD
11/8	09:30	0	TD	39.753850	-121.628662	TD	2 lanes Pearson Rd plus 3 lanes Skyway heading downhill			×					TD-011	TD
11/8	09:30	0	TD	39.757041	-121.625589	TD	contraflow in effect on Skyway between Elliott Rd and Pearson Rd			×					TD-011	TD
11/8	09:30	0	TD	39.783553	-121.600035	TD	help Chico PD direct traffic on Skyway at Quail Way; sending vehicles down one lane during fire, then two lanes after intense fire passed			×		×			TD-064	TD
11/8	09:30	0	TD	39.752294	-121.607714	TD	traffic control at Pearson Rd and Clark Rd; no traffic allowed EB Pearson Rd			×					TD-068	TD
11/8	09:30	0	PPD video	39.770138	-121.579327	Radio Log	P29 radios that no NB cars on Pentz Rd at Bille Rd			×					TD-069	TD
11/8	09:30	0	TD	39.756664	-121.574733	TD	Fickett Ln blocked by power lines	×							TD-016	TD
11/8	09:30	0	TD	39.753511	-121.602275	TD	get mandatory notice to evacuate; get in car; hearing explosions				×				TD-050	TD
11/8	09:30	0	TD	39.647329	-121.634491	TD	down to Durham-Pentz Rd, to assess containment plan and wait for engines; Clark Rd still two-way traffic, traffic still going north into town			×					TD-100	TD
11/8	09:30	0	PPD-02	39.769834	-121.579006	Radio	1329: “South of Bille Rd almost clear now; could be CalFire blocking the roadway here; trapped from here down to the hospital.”			×					PPD-02	Radio
11/8	09:30	0	PPD-05	39.768942	-121.578292	Radio	1329: “South of Bille Rd almost clear now; could be CalFire blocking the roadway here; trapped from here down to the hospital.”	×		×					PPD-05	Radio
11/8	09:30	0	PPD-05	39.755882	-121.607350	Radio	“Nunneley [Rd] completely gridlocked all east, I’m going to weave my way down Clark [Rd] to see what’s there; if you can stop NB traffic and turn them around that would free up two lanes.”			×					PPD-05	Radio
11/8	09:30	0	Inferred	39.725696	-121.576508	Inferred	two lanes SB on Pentz Rd, stop and go, light winds			×					VTD-17	video
11/8	09:30	2	AVL	39.743570	-121.572478	AVL	traffic really bad; two-way traffic on Pentz Rd. Fire blowing across the road. Thick black smoke.			×					TD-009	TD
11/8	09:30	15	Inferred	39.752209	-121.618147	TD	light flowing traffic on Pearson Rd between Clark Rd and Black Olive Dr			×					TD-068	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:30	30	TD	39.727040	-121.546640	TD	tell BCSO to order evacuation west of CA-70, Yankee Hill to lake				×				TD-008	TD
11/8	09:30	47	TD	39.777414	-121.590434	TD	PPD starts TRA in Savemart parking lot (Kmart) [Paradise Plaza, TRA-K]							×	TD-043	TD
11/8	09:30	120	TD	39.748604	-121.607741	TD	Buschmann Rd and Clark Rd; closed NB lanes on Clark Rd with signs and vehicles; forced NB traffic to turn around or WB on Buschmann Rd; civilians still arriving NB to get kids; tried to start contraflow but too many emergency vehicles were coming. With 2 PPD and 2 PID [Paradise Irrigation District] to help with traffic control			×					TD-034	TD
11/8	09:30	180	Inferred	39.777635	-121.606225	TD	traffic is jammed at Wagstaff Rd and Skyway	×		×					TD-127	TD
11/8	09:31	0	PPD video	39.755926	-121.602988	TD	Nunneley Rd is gridlocked			×					TD-065	TD
11/8	09:31	0	PPD-02	39.755931	-121.607429	Radio	“Nunneley [Rd] completely gridlocked all east, I’m going to weave my way down Clark [Rd] to see what’s there; if you can stop NB traffic and turn them around that would free up two lanes.”			×					PPD-02	Radio
11/8	09:31	0	PPD-02	39.781346	-121.580425	video	rescue of civilian from home						×		PPD-02	video
11/8	09:31	0	PPD-05	39.757878	-121.572407	video	pickup truck with 2 civilians and dogs in open bed NB Pentz Rd					×			PPD-05	video
11/8	09:31	0	PPD-05	39.757878	-121.572407	video	start turning around SB cars on Pentz Rd to go NB Pentz Rd			×	×				PPD-05	video
11/8	09:31	0	PPD-05	39.757878	-121.572407	video	instructing drivers to turn around and go NB on Pentz Rd to Bille Rd because they are working to clear the blockage			×	×				PPD-05	video
11/8	09:31	0	Inferred	39.761773	-121.573921	video	tapping on the window “can you very easily turn around? On this side of my truck there is a wide spot, but you gotta go slow, okay?” [sounds like person has radio, sounds like it might be TD-088]					×	×		VTD-23	video
11/8	09:31	0	Radio Log	39.755926	-121.596752	Radio Log	need both lanes of traffic open on Nunneley Rd from Sawmill Rd to Clark Rd			×					VTD-32	Radio Log
11/8	09:31	0	Radio Log	39.756993	-121.571168	Radio Log	LE: “Can’t get access to FRH due to traffic coming down both lanes [on Pentz Rd].”			×					VTD-32	Radio Log
11/8	09:31	0	Photo	39.738134	-121.668546	Photo	no visible NB traffic; SB traffic 2 lanes full			×					TD-076	Photo
11/8	09:31	0	Photo	39.738703	-121.667840	Photo	no visible NB traffic; SB traffic, gaps visible			×					TD-076	Photo
11/8	09:31	17	AVL	39.787067	-121.510017	AVL	deposit woman and dogs to safety zone to a civilian					×	×		TD-062	TD
11/8	09:31	17	AVL	39.787067	-121.510017	AVL	civilians at Camelot safety zone asking for water and oxygen; asks BCSE to make list of evacuees (65 to 70 total, but less than 100)					×	×		TD-062	TD
11/8	09:32	0	Radio Log	39.777635	-121.606225	Radio Log	at Skyway and Wagstaff Rd; Skyway is jammed north of Wagstaff Rd			×					TD-127	Radio Log
11/8	09:32	0	PPD-02	39.757887	-121.572382	Radio	S14: “At FRH trying to turn around traffic.”			×					PPD-02	Radio
11/8	09:32	0	PPD-02				1529: “Someone’s abandoned vehicle in the roadway north of you I’m trying to get there on foot.”	×		×					PPD-02	Radio
11/8	09:32	0	Radio Log	39.775674	-121.613228	Radio Log	947 Thomasson Ln, request for evacuation assistance					×	×		VTD-32	Radio Log
11/8	09:32	0	Radio Log	39.765304	-121.615892	Radio Log	LE: “Pee-Wee preschool still has kids there [7196 Skyway].”					×			VTD-32	Radio Log
11/8	09:33	0	Radio Log	39.758933	-121.572683	AVL	need to shelter in place at FRH, unclog road, fire is past the hospital now so it's the safest place			×				×	TD-014	Radio Log
11/8	09:33	0	PPD-05	39.757475	-121.571330	video	BCSO advises people are sheltered in place in the basement of the hospital. 4 people down in the basement. Administrators locked the doors on the way out, they told me it was all clear and they locked it all. They should be able to get out from the inside							×	PPD-05	video
11/8	09:33	0	Radio Log	39.732064	-121.612487	Radio Log	IC: “Clark [Rd] and Neal [Rd] are still open for two-way traffic; all emergency equipment needs to enter the area through Clark [Rd] and Neal [Rd].”			×					VTD-32	Radio Log
11/8	09:33	0	Radio Log	39.726145	-121.656496	Radio Log	IC: “Clark [Rd] and Neal [Rd] are still open for two-way traffic; all emergency equipment needs to enter the area through Clark [Rd] and Neal [Rd].”			×					VTD-32	Radio Log

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:34	0	PPD video	39.752263	-121.607755	TD	traffic direction by probation at Clark Rd and Pearson Rd; DPW arrives later; very windy			×					TD-065	TD
11/8	09:34	0	PPD video	39.752263	-121.607755	TD	Pearson Rd also gridlocked			×					TD-065	TD
11/8	09:34	0	PPD video	39.752263	-121.607755	TD	civilians are coming into town - probation has them turn around. Clark Rd is made all outbound			×					TD-065	TD
11/8	09:34	0	PPD video	39.752263	-121.607755	TD	divert Clark Rd SB to WB Pearson Rd; Pearson Rd WB is split to continue on Pearson Rd WB and Clark Rd SB			×					TD-065	TD
11/8	09:34	0	PPD-02	39.752271	-121.607770	Radio	"We have all SB lanes, no NB traffic at Clark Rd and Pearson Rd"			×					PPD-02	Radio
11/8	09:34	0	Radio Log	39.746421	-121.646399	Radio Log	LE Disp: "Information, SB Skyway all 4 lanes are open for outbound traffic. Both lanes of Pentz Rd are open for outbound traffic, per CHP; NB Clark Rd is for incoming resources."			×					VTD-32	Radio Log
11/8	09:34	0	Photo	39.747625	-121.635425	Photo	NB clear; SB 2 lanes backed up			×					TD-076	Photo
11/8	09:34	2	PPD-02	39.791442	-121.579566	video	stop to hand off blind rescued elderly man to civilian driving ATV					×			PPD-02	video
11/8	09:35	0	AVL	39.769717	-121.579117	AVL	arrive at Pentz Rd and Bille Rd; total gridlock; E81 spraying			×				×	TD-060	TD
11/8	09:35	0	PPD-02	39.762995	-121.574381	Radio	2913: "Traffic south of Bille [Rd] on Pentz [Rd] is still stuck; Conifer Dr is about half mile [0.8 km] below the block according to the deputy on foot" [from map, must be less than 0.5 mi (0.8 km)]			×					PPD-02	Radio
11/8	09:35	0	PPD-02	39.758410	-121.571568	Radio	2914: "Advise when it's moving, I passed several people barricading [sic] in place in the parking lot would want to know that."							×	PPD-02	Radio
11/8	09:35	0	PPD-05	39.757962	-121.571713	video	2914: "Advise when it's moving, I passed several people barricading [sic] in place in the parking lot would want to know that."							×	PPD-05	Radio
11/8	09:35	0	Radio Log	39.732064	-121.612487	Radio Log	LE: "We need to shut down NB Clark [Rd] so we can get everybody going south out of Paradise. — LE Disp: "10-4, we don't have any other way to get resources up the hill then."			×					VTD-32	Radio Log
11/8	09:35	0	Photo	39.776624	-121.508287	Photo	no vehicles visible			×					TD-090	Photo
11/8	09:36	0	Radio Log	39.770427	-121.593810	TD	working way down Bille Rd in heavy traffic; Bille Rd traffic is jammed between Clark Rd and Sawmill Rd			×					TD-111	TD
11/8	09:36	0	PPD-02	39.749546	-121.634179	Radio	E2: "We're trying to coordinate with county to have a meeting point at community center for transport, but were not getting calls back, still working on that. Potential for have to evacuate EOC, currently all incoming mutual aid currently staging at Butte College. We're going to be evacuating the EOC."					×			PPD-02	Radio
11/8	09:36	0	PPD-05	39.749555	-121.634194	Radio	E2: "We're trying to coordinate with county to have a meeting point at community center for transport, but were not getting calls back, still working on that. Potential for have to evacuate EOC, currently all incoming mutual aid currently staging at Butte College. We're going to be evacuating the EOC."					×			PPD-05	Radio
11/8	09:36	0	Radio Log	39.726145	-121.656496	Radio Log	"Multiple units on Neal Rd advising it is clear of all traffic; will shut down NB Neal Rd for all lanes outbound traffic since NB Clark Rd is open for incoming units			×					VTD-32	Radio Log
11/8	09:36	10	AVL E2162	39.796383	-121.513933	AVL E2162	multiple burn victims on Broken Glass Cir, E2162							×	TD-013	TD
11/8	09:36	14	Inferred	39.759570	-121.589005	TD	flagged by elderly woman to help evacuate husband refusing to leave; relay to LE at Elliott Rd and Sawmill Rd					×	×		TD-111	TD
11/8	09:36	14	Inferred	39.748638	-121.580885	TD	engine and [TD-037] directing traffic; clear traffic and get past toward Pentz Rd	×				×	×		TD-111	TD
11/8	09:36	17	AVL	39.769733	-121.579267	AVL	arrive at Pentz Rd and Bille Rd; traffic on Pentz Rd at Bille Rd is 2 lanes NB between FRH and Bille Rd; and 1 lane SB / 1 lane NB open north of Bille; 2 lanes WB on Bille Rd backed up. 2 LEO at intersection trying to help with traffic; E81 is tied in to hydrant			×					TD-089	TD
11/8	09:36	18	AVL	39.769867	-121.579350	AVL	arrive at Pentz Rd and Bille Rd; E81 spraying, traffic lanes 2 SB, 2 NB, 2 WB			×					TD-079	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:37	0	Radio Log	39.770487	-121.588135	Radio Log	[civilian] stuck in the middle of Bille Rd, trying to help with a stalled car	×		×					TD-014	Radio Log
11/8	09:37	0	PPD-02	39.793135	-121.579620	video	civilian returning to home on Pentz Rd near Ginny Ln insists on getting back home; PPD instructs to leave to the north because fire is coming up the hill; she continues south			×	×	×			PPD-02	video
11/8	09:37	0	Inferred	39.797299	-121.579657	TD	elderly woman civilian directing traffic at Gate Ln			×					TD-022	TD
11/8	09:37	0	Inferred	39.798460	-121.582406	TD	Gate Ln is jammed; 10 min to 20 min to get over to Clark Rd			×					TD-022	TD
11/8	09:37	0	Radio Log	39.777659	-121.604169	Radio Log	stuck in traffic on Wagstaff Rd, structures burning			×					TD-127	Radio Log
11/8	09:37	0	PPD-02	39.796023	-121.579656	video	on air horn from Pentz Rd at Piney Ridge Dr and down Conners Ct				×				PPD-02	video
11/8	09:37	43	AVL	39.795568	-121.579617	TD	side streets on Pentz Rd resistance to evacuate by residents not sensing danger				×				TD-061	TD
11/8	09:38	0	AVL	39.747650	-121.572438	AVL	downed powerline on Pentz Rd hits windshield	×							TD-122	TD
11/8	09:38	0	PPD-02	39.762875	-121.574359	Radio	traffic on Pentz Rd is still stuck at Pentz Rd and Conifer Dr, possibly slowly getting through NB			×					PPD-02	Radio
11/8	09:38	0	PPD-02	39.768621	-121.578072	video	traffic at Pentz Rd and Bille Rd is backed up to the south past the Lutheran Church			×					PPD-02	video
11/8	09:38	0	PPD-02	39.797754	-121.579645	video	traffic NB Pentz Rd is backed up to Stardust Ln; vehicles still joining the end of the line sporadically			×					PPD-02	video
11/8	09:38	0	PPD-05	39.770136	-121.579315	Radio	29: "We're stopped again but your roadway is clear now" — 13: "10-4 I still have no movement. Are vehicles getting to you?" — 29: "we're backed up past the Lutheran Church."			×					PPD-05	Radio
11/8	09:38	0	PPD-05	39.762823	-121.574409	Radio	traffic on Pentz Rd is still stuck at Pentz Rd and Conifer Dr, possibly slowly getting through NB			×					PPD-05	Radio
11/8	09:38	0	PPD-05	39.757598	-121.571847	video	T2106 advising civilian to stay put at hospital, park vehicle out of the way, but in sight of the FF						×		PPD-05	video
11/8	09:38	0	AVL TD-014	39.750100	-121.577967	video	encounter tail end of traffic gridlock halfway up hill; both lanes WB	×		×					VTD-23	video
11/8	09:38	0	Radio Log	39.726145	-121.656496	Radio Log	back and forth, deciding that incoming units can use either Neal Rd and Clark Rd			×					VTD-32	Radio Log
11/8	09:38	0	Photo	39.748528	-121.579386	Photo	traffic jammed			×					TD-037	Photo
11/8	09:38	4	AVL	39.757917	-121.570564	AVL	knock down dumpster fire, clear garbage cans by propane tank; hospital evacuation is in progress					×			TD-124	TD
11/8	09:38	7	AVL E2162, Radio Log	39.796297	-121.514062	AVL	E2162 rescues burn victims 45% body, transports to CA-70 for helicopter					×			TD-008	TD
11/8	09:39	0	PPD video	39.757843	-121.571787	PPD video	vehicles return back to hospital parking lot (ultimately approximately 50 in total), stage them away from trees and buildings					×	×		TD-063	TD, PPD video
11/8	09:39	0	PPD-02	39.797271	-121.580319	video	Gate Ln one lane WB backed up to 1690 Gate Ln			×					PPD-02	video
11/8	09:39	0	PPD-02	39.797506	-121.581248	video	on PA announcing mandatory evacuation along Gate Ln				×				PPD-02	video
11/8	09:39	0	PPD-05	39.757772	-121.571831	video	a few civilian vehicles start filtering into hospital parking lot (<10)						×		PPD-05	video
11/8	09:39	0	PPD-05	39.761632	-121.573828	VTD-23	civilian in black Jeep says fire north of hospital on both sides of Pentz Rd, was instructed by CAL FIRE guy in a big semi to turn around and come back to hospital because that's where the fire trucks were					×	×	×	PPD-05	video
11/8	09:39	0	PPD-05	39.781364	-121.579579	Radio	29: "Is NB Pentz Rd still full?" — 30: "NB Pentz Rd is blocked out at Merrill Rd, cannot get through."	×							PPD-05	Radio
11/8	09:39	20	AVL	39.777783	-121.590717	AVL	try to get cars off the side streets; direct cars off Wagstaff Rd EB into Kmart and PAC			×			×		TD-017	TD
11/8	09:39	20	AVL	39.777724	-121.590579	AVL	Started contraflow on Clark Rd at Wagstaff Rd. Traffic on Wagstaff Rd westbound stopped bumper-to-bumper. Began directing cars off Wagstaff Rd east to go into			×	×	×	×		TD-017	TD

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11/8	09:39	20	AVL	39.770413	-121.597740	AVL	Kmart TRA and Paradise Alliance Church TRA; on PA contacting civilians all morning										
11/8	09:39	21	Inferred	39.748394	-121.581392	TD	initiate contraflow, all lanes southbound at Clark Rd and Bille Rd			×						TD-017	TD
11/8	09:39	21	Inferred	39.748394	-121.581392	TD	was aware of vacant lot - start plan to use as TRA; instructed engines to save water to protect TRA (not to put out spot fires)						×	×		TD-037	TD
11/8	09:40	0	AVL	39.742650	-121.577467	AVL	thick black smoke on Stearns Rd; turn around	×								TD-009	TD
11/8	09:40	0	Radio Log	39.777682	-121.602032	Radio Log	"E8332 holding position on Wagstaff Rd 0.25 mi [0.4 km] from Skyway; several structures threatened/involved, it will close off the Wagstaff Rd route; we could use another engine"	×								TD-055	Radio Log
11/8	09:40	0	PPD-02	39.798511	-121.581846	video	Gate Ln two lanes WB at 1628 Gate Ln			×						PPD-02	video
11/8	09:40	0	PPD-05	39.757721	-121.571781	video	S14: "Units on Pentz [Rd], I'm receiving info from CAL FIRE they are sending everybody southbound down Pentz [Rd] past the hospital."					×				PPD-05	Radio
11/8	09:40	0	PPD-05	39.769753	-121.578921	Radio	traffic is backed up south of Bille Rd 2 lanes deep [on Pentz Rd]			×						PPD-05	Radio
11/8	09:40	0	PPD-05	39.770254	-121.579390	Radio	13: "Is the road clear north of Bille [Rd]? We could get people to the lawn at Ponderosa Elementary School" — 29: "There is SB traffic waiting to go, but NB is open."			×		×				PPD-05	Radio
11/8	09:40	0	AVL TD-122	39.750233	-121.577845	video	encounter traffic jam both lanes WB on Pearson Rd, hugging south side of roadway; heavy fire both sides; VTD-23 is at end of line	×	×							VTD-24	video
11/8	09:40	0	Radio Log	39.792700	-121.589187	Radio Log	Chico85: "We've got the fire coming SB Skyway; we are at Skyway and Lofty Ln, we've got the road completely blocked, need someone to open up the road so we can get these people out of here."	×	×							VTD-32	Radio Log
11/8	09:41	0	AVL	39.749679	-121.578103	AVL	two lanes westbound, stopped	×	×							TD-122	TD
11/8	09:41	0	PPD-02	39.770683	-121.579551	Radio	13: "Is the road clear north of Bille [Rd]? We could get people to the lawn at Ponderosa Elementary School" — 29: "There is SB traffic waiting to go, but NB is open."			×						PPD-02	Radio
11/8	09:41	0	Radio Log	39.665772	-121.743884	Radio Log	LE: "S10 at [CA-] 99 and Neal [Rd], blocking traffic [no NB on Neal Rd]."			×						VTD-32	Radio Log
11/8	09:41	12	AVL DZ2346	39.649273	-121.603642	TD	head to Butte College; road is all gridlocked			×						TD-106	TD
11/8	09:41	19	AVL	39.749679	-121.578103	AVL	fire had cleaned ground fuel; stuck here; fire overtakes engine; put fire shelters over windows; engine is torched, blew diesel tank vents	×	×							TD-122	TD
11/8	09:41	19	AVL	39.749679	-121.578103	AVL	debris in back of pickup truck catches fire; 5 civilians are freaked out, bring into engine; ember shower across window					×	×			TD-122	TD
11/8	09:42	0	Radio Log	39.766155	-121.588913	Radio Log	Advising IC about traffic conditions in Paradise; Pentz Rd, Pearson Rd, Bille Rd, Wagstaff Rd all have traffic issues. "Pentz [Rd], Pearson [Rd], Bille [Rd], Wagstaff [Rd] all have issues with civilians, the road is blocked... stand still, not looking good for getting people out" "evac is #1 priority right now"			×		×				TD-014	Radio Log
11/8	09:42	0	PPD-05	39.757649	-121.571793	video	civilian returned to hospital after being told to go north at 09:27 (15 minutes earlier)					×	×			PPD-05	video
11/8	09:42	0	Radio Log	39.741197	-121.572748	Radio Log	LE: "I'm at Pentz [Rd] and Stearns [Rd] right now; traffic towards [CA-] 70 is looking pretty good. Pentz [Rd] a couple blocks up is completely blocked."			×						VTD-32	Radio Log
11/8	09:42	0	Radio Log				LE Disp: reiterating that every lane is open for outbound traffic except NB Clark Rd			×						VTD-32	Radio Log
11/8	09:42	0	Photo	39.755083	-121.572280	Photo	no vehicles visible			×						TD-005	Photo
11/8	09:43	0	Photo	39.752270	-121.607731	TD	with dog and kids, PD directing traffic at Pearson Rd and Clark Rd; 2 lanes WB are congested and stopped on Pearson Rd			×		×				TD-050	TD
11/8	09:43	0	PPD-02	39.799546	-121.580299	video	NB Pentz Rd one lane NB backed up 100 m (330 ft) down Pentz Rd			×						PPD-02	video
11/8	09:43	0	PPD-05	39.757649	-121.571793	video	LE: at hospital (PPD, BCSO) implementing plan to keep civilians at hospital and stay out of way of fire department							×		PPD-05	video

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11/8	09:43	7	Inferred	39.748599	-121.608503	TD	nobody going down Buschmann Rd, take it to Skyway			×					TD-050	TD
11/8	09:43	13	AVL	39.733283	-121.573617	AVL	based on stop; infer that either traffic is jammed, or directing traffic, or aiding evacuation			×					TD-086	AVL, Inferred
11/8	09:43	34	Photo	39.756577	-121.572070	AVL	leave Riverview Dr, arrive hospital; spot fires; defensive actions; Collected people driving down Pentz Rd, at least 2 cars and put them in parking lot					×	×	×	TD-005	TD
11/8	09:43	36	AVL	39.784150	-121.579283	AVL	receive elderly man in wheelchair from Butte engine					×	×		TD-085	TD
11/8	09:44	0	video	39.777518	-121.590822	video	1713 crossed Wagstaff Rd on Clark Rd; 3 lanes + SB on Clark Rd not moving; some vehicles in Kmart parking lot; dark			×				×	TD-058	TD, video
11/8	09:44	0	PPD-02	39.758324	-121.571403	Radio	S14: "Info, 15 to 20 people sheltering in place in vehicles in the parking lot at FRH"							×	PPD-02	Radio
11/8	09:44	0	PPD-05	39.757945	-121.571788	video	S14: "Info, 15 to 20 people sheltering in place in vehicles in the parking lot at FRH"							×	PPD-05	Radio
11/8	09:44	0	Radio Log	39.794022	-121.513073	Radio Log	LE58: "Myself and 91 en route to 3819 Broken Glass [Cir], trying to see if we can get through now; EMS is advising of a burn victim there."						×		VTD-32	Radio Log
11/8	09:44	0	Radio Log	39.772237	-121.629743	Radio Log	LE90: "6216 W Wagstaff [Rd] needs assistance with evacuation."						×		VTD-32	Radio Log
11/8	09:44	0	Radio Log	39.775577	-121.603517	Radio Log	LE90: "6345 Oak Way needs assistance with evacuation."						×		VTD-32	Radio Log
11/8	09:44	0	Photo	39.756707	-121.572029	Photo	no vehicles visible			×					TD-005	Photo
11/8	09:44	0	Photo	39.777539	-121.590840	Photo	3 lanes of Clark Rd SB south of Wagstaff Rd, stopped. Appears a few vehicles NB on Clark Rd			×					TD-052	Photo
11/8	09:44	0	Photo	39.777276	-121.590489	Photo	a few vehicles parked in Paradise Plaza							×	TD-052	Photo
11/8	09:44	2	PPD-02	39.800426	-121.580939	video	two lanes Skyway SB stopped; NB lane open; light surface winds, light smoke/haze, not dark			×					PPD-02	video
11/8	09:45	0	PPD-02	39.800461	-121.580878	video	1230: inquiry about sending traffic NB at Pentz Rd and Skyway or if there is fire north			×					PPD-02	video
11/8	09:45	0	PPD-02	39.770883	-121.612087	Radio	Skyway north of Bille Rd is packed			×					PPD-02	Radio
11/8	09:45	0	PPD-05	39.770883	-121.612087	Radio	Skyway north of Bille Rd is packed			×					PPD-05	Radio
11/8	09:45	6	AVL	39.685455	-121.572550	AVL	traffic SB backed up all the way to Malibu Dr			×					TD-009	TD
11/8	09:45	15	Inferred	39.759508	-121.619918	TD	Elliott Rd WB is full and backed up; EB is open			×					TD-068	TD
11/8	09:45	15	Inferred	39.759505	-121.606647	TD	Chief at Clark Rd and Elliott Rd blocking traffic from going NB			×					TD-068	TD
11/8	09:45	15	Inferred	39.759505	-121.606647	TD	4 lanes Clark Rd SB with center lane open for NB; gridlock			×					TD-068	TD
11/8	09:45	15	Inferred	39.759505	-121.606647	TD	3 lanes WB Elliott Rd turning to Clark Rd SB; one lane across Clark Rd			×					TD-068	TD
11/8	09:45	19	AVL	39.748651	-121.580080	AVL	More vehicles arriving WB on Pearson Rd - they are melted; people abandoning cars; total gridlock; cars within inches of engine; cars in survival mode every which way; on the PA but can't hear	×		×			×		TD-087	TD
11/8	09:45	45	TD	39.753784	-121.624048	TD	at dispatch; all 3 consoles already in use; all phone lines (15) being used				×				TD-078	TD
11/8	09:45	45	TD	39.753784	-121.624048	TD	civilians showing up at PPD as a safe space; kids from high school came here; took 1 elderly civilian into car to evacuate					×		×	TD-078	TD
11/8	09:45	55	AVL	39.760733	-121.573417	AVL	walking up the road to tell people to turn around and go to the hospital					×		×	TD-090	TD
11/8	09:45	55	AVL	39.760733	-121.573417	AVL	Back and forth to dozer transport; put several people in cab until they get another ride; total = 30 to 40 people on foot plus 60 to 70 vehicles are directed to hospital. Power lines start coming down.	×		×		×	×		TD-090	TD
11/8	09:45	55	AVL	39.760733	-121.573417	AVL	Vehicles being driven while on fire								TD-090	TD
11/8	09:45	55	AVL	39.760733	-121.573417	AVL	a couple of cars burnt up with people in them								TD-090	TD

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11/8	09:45	55	AVL	39.760733	-121.573417	AVL	Heard on radio that traffic is jammed south of the hospital; don't think many of the vehicles that turned around actually stopped at the hospital			×					TD-090	TD
11/8	09:46	0	PPD-02	39.800813	-121.580745	video	no traffic backed up on Old Skyway			×					PPD-02	video
11/8	09:46	0	PPD-02				civilian advises there is passage through Magalia			×					PPD-02	video
11/8	09:46	1	PPD-02	39.802571	-121.578828	video	Skyway SB traffic backed up to here			×					PPD-02	video
11/8	09:46	19	AVL	39.757533	-121.571800	AVL	LE is present; evacuation is almost complete; other engines here					×			TD-124	TD
11/8	09:47	0	TD	39.796031	-121.585038	TD	Clark Rd is jammed both NB and SB at Cabernet Ln			×					TD-022	TD
11/8	09:47	0	Radio Log	39.777651	-121.600666	Radio Log	Power lines coming down into traffic [general location, Wagstaff Rd/Rocky Ln]; fire coming across Wagstaff Rd			×					TD-127	Radio Log
11/8	09:47	0	PPD-02	39.777728	-121.590599	Radio	"total gridlock at Clark [Rd] and Wagstaff [Rd]"			×					PPD-02	Radio
11/8	09:47	0	PPD-05	39.777740	-121.590620	Radio	"total gridlock at Clark [Rd] and Wagstaff [Rd]"			×					PPD-05	Radio
11/8	09:47	0	Radio Log	39.792700	-121.589187	Radio Log	LE CPD85: "Update, all lanes SB [Skyway] gridlocked at Lofty Ln, no movement, both sides of the road engulfed."	×		×					VTD-32	Radio Log
11/8	09:47	0	Radio Log	39.701928	-121.767069	Radio Log	LE: "As far as I can see we have NB Skyway clear; you can start sending people through."			×					VTD-32	Radio Log
11/8	09:47	0	Photo	39.753569	-121.844147	Photo	CA-99 light SB traffic pulled over for emergency vehicles, does not appear jammed			×					TD-155	Photo
11/8	09:47	0	Photo	39.753383	-121.843810	Photo	CA-99 light SB traffic pulled over for emergency vehicles, does not appear jammed			×					TD-155	Photo
11/8	09:48	0	AVL	39.752317	-121.607700	AVL	Pearson Rd blocked at Clark Rd; 4 lanes southbound on Clark Rd	×		×					TD-030	TD
11/8	09:48	0	PPD-02	39.800939	-121.579634	video	on PA advising vehicles to turn around and go north out through Magalia					×			PPD-02	video
11/8	09:48	0	Radio Log	39.750848	-121.612644	Radio Log	LE50: "We have a B-Line bus going to Paradise Intermediate [school] escorted by another Fish and Game officer and I have a 2nd B-Line going to 1468 Sun Manor, in Paradise. Apparently there's 40 to 50 that need evac as well."					×			VTD-32	Radio Log
11/8	09:48	0	Radio Log	39.746132	-121.637989	Radio Log	Skyway at Neal Rd, 4 lanes SB leaving 1 lane NB open			×					VTD-32	Radio Log
11/8	09:48	0	Photo	39.734077	-121.816483	Photo	CA-99 light SB traffic pulled over for emergency vehicles, does not appear jammed			×					TD-155	Photo
11/8	09:50	0	Inferred	39.749534	-121.572535	TD	no traffic on Pentz Rd between Chaney Ln and Pearson Rd			×					TD-129	TD
11/8	09:50	0	PPD video	39.769469	-121.583071	TD	fire impacting Bille Rd and vehicles abandoned/stuck on road	×		×		×			TD-021	TD
11/8	09:50	0	TD	39.751626	-121.630733	TD	two lanes both directions on Skyway			×					TD-050	TD
11/8	09:50	0	TD	39.749539	-121.634169	TD	staff starts evacuating from Town Hall					×			TD-025	TD
11/8	09:50	10	TD	39.647337	-121.634487	TD	traffic gridlock at four corners; 1 LEO performing 4-way traffic control; not letting free-flow down hill			×					TD-041	TD
11/8	09:51	0	Radio Log	39.716376	-121.521232	Radio Log	B1: "E2162 has the patient in the back of their engine making their way out now, do we have an ETA for the medic units? They have one patient approximately burned over 45%." — IC: "Medics standing by at Yankee Hill and one at Concow Rd waiting."					×			TD-008	Radio Log
11/8	09:51	0	Radio Log	39.716400	-121.521417	AVL E2162	E2162 has burn patient in back of engine, 45% body, heading to medic at Yankee Hill					×			TD-013	Radio Log
11/8	09:51	0	AVL TD-123	39.749765	-121.575583	VTD-16	got stuck on Pearson Rd, abandoned vehicle, could not see, stumbled into a fire engine, got inside	×		×		×			VTD-25	video
11/8	09:51	4	AVL	39.650121	-121.601857	AVL	Durham -Pentz Rd backed up traffic			×					TD-009	TD
11/8	09:51	5	AVL	39.755831	-121.607358	AVL	Face-to-face with Police; LEO blocking NB traffic at Clark Rd and Nunneley Rd			×					TD-030	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:52	0	Radio Log				IC: "Everything north of Hwy 70 has [already previously] been given an evacuation order, all the way up to Empire Creek."				×				VTD-32	Radio Log
11/8	09:52	0	Inferred	39.791325	-121.588234	TD	take shortcut through Pheasant Ridge Dr, LE in the area; cut gate to get through to Skyway								TD-022	TD
11/8	09:52	21	AVL	39.769467	-121.580750	AVL	conditions on Bille Rd at Pentz Rd; cars igniting, civilians in cars; put out a few vehicles on fire; side of engine takes heat damage			×					TD-060	TD
11/8	09:52	21	AVL	39.769467	-121.580750	AVL	face to face with civilians to ask if people out of homes in Eden Roc Estates mobile home park			×	×				TD-060	TD
11/8	09:53	0	AVL	39.782018	-121.505766	AVL	E2162 leaves Concow with severely burned victim (had also found a deceased person)						×		TD-062	TD
11/8	09:53	0	Inferred	39.750425	-121.575918	TD	CHP vehicle not burning; but cars next to it are burning; move burning vehicles off roadway	×	×						TD-129	TD
11/8	09:53	0	video	39.749496	-121.575422	video	4 or 5 people total (nurses, doctor, LEO) on foot; take two nurses inside dozer; then later into engine E2362					×	×		TD-129	video
11/8	09:53	0	PPD video	39.749725	-121.575575	TD	call for trapped LEO on Pearson Rd						×		TD-063	TD, PPD video
11/8	09:53	0	PPD-02	39.750632	-121.576191	Radio	dispatch: "Pearson [Rd] W of Pentz [Rd], CHP and SO units have disabled vehicles surrounded by fire trying to get out on foot."						×		PPD-02	Radio
11/8	09:53	0	video	39.749496	-121.575422	AVL E2362	2 people into DZ2342, others into E2362						×		VTD-16	video
11/8	09:53	1	AVL	39.749496	-121.575422	AVL	no traffic on downslope; CHP, BCSO, 2 nurses; pick them up			×			×		TD-123	TD
11/8	09:53	7	PPD video	39.751151	-121.572527	PPD video	attempt to get to trapped officers on Pearson Rd						×		TD-063	TD, PPD video
11/8	09:53	9	Inferred	39.752238	-121.616856	TD	driving along/up on curb on Pearson Rd; traffic is flowing very heavy, both directions			×					TD-076	TD
11/8	09:53	9	Inferred	39.752266	-121.607736	TD	cannot pass EB on Pearson Rd at Clark Rd; blocked by CAL FIRE truck; pitch black			×					TD-076	TD
11/8	09:54	0	PPD-05	39.755456	-121.572342	video	dodge power lines	×							PPD-05	video
11/8	09:54	5	PPD-05	39.756993	-121.572324	video	Pentz Rd road has no traffic			×					PPD-05	video
11/8	09:54	19	AVL	39.769519	-121.580796	AVL	gridlock, unpassable; get out of engine to direct cars into parking lot to open up pathway. Reports of entrapments up Pentz Rd.	×	×						TD-079	TD
11/8	09:55	0	PPD-05	39.751321	-121.572502	video	14 trying to make access to Pearson Rd near curves; can't get through, fire trucks blocking way	×							PPD-05	Radio
11/8	09:55	0	Radio Log	39.775669	-121.628397	Radio Log	578 Roberts Rd, elderly individual needs evacuation assistance					×			VTD-32	Radio Log
11/8	09:55	0	Radio Log	39.749552	-121.634175	Radio Log	LE Disp: "We've got about 40 evacs pending still"					×	×		VTD-32	Radio Log
11/8	09:55	9	AVL	39.687172	-121.622821	AVL	heavy traffic SB on Clark Rd up to airport			×					TD-009	TD
11/8	09:56	0	PPD-05				A1: get as many cars as contraflow to Chico on Skyway for SB			×					PPD-05	Radio
11/8	09:56	0	Radio Log	39.750672	-121.576177	Radio Log	CAL FIRE has picked up BCSO and CHP from Pearson Rd						×		VTD-32	Radio Log
11/8	09:56	4	AVL	39.714592	-121.789988	AVL	total gridlock on Skyway; cannot get past Bruce Rd. Skyway is contraflow; LE is present	×	×						TD-012	TD
11/8	09:57	0	Radio Log	39.777679	-121.602456	Radio Log	"Requesting a retardant drop on Wagstaff [Rd]; hundreds of vehicles trapped; one engine with me."	×							TD-127	Radio Log
11/8	09:57	0	PPD-02	39.741229	-121.658868	Radio	A1: "Get as many cars as contraflow to Chico on Skyway for SB."			×					PPD-02	Radio
11/8	09:57	0	PPD-05	39.753677	-121.572400	video	fire expecting power pole will come down soon and block Pentz Rd Lowry Ln	×							PPD-05	video
11/8	09:58	0	AVL	39.720367	-121.578200	AVL	a few cars leaving Lago Vista Way			×					TD-086	TD
11/8	09:58	0	PPD-05	39.757221	-121.572317	video	stop and advise SB vehicle to shelter in place at the hospital parking lot						×		PPD-05	video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	09:58	0	Radio Log	39.748598	-121.584414	Radio Log	LE: a lot of traffic at Pearson Rd and Edgewood Ln; unit heading to Pearson Rd and Clark Rd to investigate			×					VTD-32	Radio Log
11/8	09:59	0	PPD-02	39.762491	-121.574246	Radio	13: "still not moving; pulled down a side street that's completely burnt on one side, had to loop around so I don't get burnt up"			×			×		PPD-02	Radio
11/8	09:59	0	PPD-05	39.762623	-121.574942	Inferred	13: "still not moving; pulled down a side street that's completely burnt on one side, had to loop around so I don't get burnt up"			×		×			PPD-05	Radio
11/8	09:59	0	PPD-06	39.800485	-121.580706	video	2 lanes Skyway SB			×					PPD-06	video
11/8	09:59	0	PPD-06	39.798449	-121.579680	video	one lane Pentz Rd NB stopped; backed up past Honeysuckle Ln			×					PPD-06	video
11/8	09:59	0	PPD-06	39.800485	-121.580706	video	instruction to not go north					×			PPD-06	video
11/8	09:59	0	PPD-06	39.800485	-121.580706	video	driver advising low on fuel								PPD-06	video
11/8	09:59	4	PPD-06	39.799819	-121.580565	video	PPD shuffling vehicles to avoid parking under power lines								PPD-06	video
11/8	09:59	4	AVL	39.777765	-121.582583	AVL	Wagstaff Rd at Dolores Dr [inferred possible rescue attempt]						×		TD-017	AVL
11/8	09:59	31	AVL	39.777715	-121.590620	TD	numerous rescues in the morning; checked several residences for civilians; no guarantee they were there (sometimes you'd show up they had already left). Rescued ~6 couples before noon						×		TD-017	TD
11/8	09:59	38	AVL	39.748614	-121.586283	AVL	driving Pearson Rd between Belviso Ter and Recreation Dr [1.6 miles (2.6 km)]			×					TD-300	AVL
11/8	09:59	83	PPD video	39.762491	-121.574246	TD	pull woman on foot into vehicle; find unburned house to park at as safety zone; strong wind from SE						×		TD-069	TD
11/8	10:00	0	TD				Power poles dropping quickly by 10:00, lots into roadway	×							TD-014	TD
11/8	10:00	0	Inferred	39.748639	-121.579731	Imagery	push burning cars on south side of road to give distance to occupied vehicles on the north side of road	×		×					TD-129	TD
11/8	10:00	0	Inferred	39.759552	-121.609454	TD	heavy traffic locking up Elliott Rd between Clark Rd and Maxwell Dr			×					TD-071	TD
11/8	10:00	0	Inferred	39.748619	-121.588873	TD	Pearson Rd blocked by fire across roadway at Sawmill Rd	×							TD-070	TD
11/8	10:00	0	TD	39.759505	-121.606647	TD	wildland fire truck asks to keep a lane NB open; Clark Rd and Elliott Rd			×					TD-068	TD
11/8	10:00	0	Inferred	39.752944	-121.572465	TD	Pentz Rd passable between hospital and Pearson Rd			×					TD-020	TD
11/8	10:00	0	Inferred	39.780033	-121.506515	TD	tree, power lines, power poles down; big mess on Concow Rd, must have happened after engines drive in	×							TD-013	TD
11/8	10:00	0	TD	39.732748	-121.636205	TD	wife leaves, NB on Foster Rd; trees/poles/lines already down impeding traffic; wife has to turn around and go SB Foster Rd to Wayland Rd; cannot pass north	×		×					TD-104	TD
11/8	10:00	0	TD	39.759961	-121.644948	TD	turn on TV; evacuation is on local channels; mandatory on Pentz Rd, advisory on Clark Rd				×				TD-026	TD
11/8	10:00	0	TD-059	39.730471	-121.612471	TD	went up Clark Rd; lots of cars going out of town frantic; got stuck in traffic			×					TD-057	TD
11/8	10:00	0	TD-058	39.770437	-121.597778	TD	ambulance directing traffic at Clark Rd and Bille Rd; not allowing traffic on Bille Rd; no contraflow			×		×			TD-053	TD
11/8	10:00	0	Inferred	39.655661	-121.538364	TD	traffic down CA-70 was fine			×					TD-019	TD
11/8	10:00	0	Inferred	39.647351	-121.634494	TD	traffic direction at Durham-Pentz Rd and Clark Rd; Clark Rd SB was forced WB, Durham-Pentz Rd traffic was sent SB on Clark Rd			×					TD-019	TD
11/8	10:00	0	TD-049, TD-059	39.750690	-121.612692	TD	Fish and Game escort B-Line and two jail crew buses up to Clark Rd and the school					×			TD-054	TD
11/8	10:00	15	Inferred	39.748394	-121.581392	TD	25 vehicles into lot all pointed in right direction (north)					×	×		TD-037	TD
11/8	10:00	15	Inferred	39.748394	-121.581392	TD	refuge in TRA for 20 min to 30 min					×	×		TD-037	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:00	15	Inferred	39.793035	-121.588428	TD	traffic SB on Skyway 2 lanes; high heat impacting stuck vehicles and LE in area; attack vegetation fire with booster line; flames are sheeting and wind is blustery			×					TD-022	TD
11/8	10:00	15	TD	39.793035	-121.588428	TD	broken down car; civilian gets into school bus					×			TD-022	TD
11/8	10:00	15	Inferred	39.786828	-121.592696	TD	drive down bike path to get to Wagstaff Rd; civilians follow					×			TD-022	TD
11/8	10:00	21	AVL	39.789399	-121.503106	AVL	drive down several dead ends, but find no one else					×			TD-062	TD
11/8	10:00	30	Inferred	39.746169	-121.638074	TD	fire on both sides of Skyway, blocking road; decide to take Neal Rd	×		×					TD-105	TD
11/8	10:00	30	Inferred	39.745752	-121.638082	TD	Neal Rd getting gridlock from diverted traffic from Skyway			×					TD-105	TD
11/8	10:00	30	Inferred	39.745752	-121.638082	TD	advise BCSO to start contraflow outbound on Neal Rd			×					TD-105	TD
11/8	10:00	30	Inferred	39.733360	-121.650763	TD	lead convoy down Neal Rd; dark					×			TD-105	TD
11/8	10:00	30	Inferred	39.688914	-121.704493	TD	drive up Neal Rd, cars already starting to double stack, big problem			×					TD-106	TD
11/8	10:00	57	TD	39.749136	-121.610565	TD	drive small bus, following big bus up Clark Rd to Buschmann Rd to nursing home; already evacuated; difficulty turning around large bus					×			TD-059	TD
11/8	10:00	60	Inferred	39.759505	-121.606647	TD	report to stop sending people down Clark Rd; Elliott Rd is moving faster than Clark Rd			×					TD-068	TD
11/8	10:00	60	video	39.818435	-121.603859	video	streets are too full to go anywhere so we're just waiting. 1/4 tank diesel. Waiting out here unless the wind changes. [time estimate from sun position]			×		×			VTD-31	video
11/8	10:00	90	Inferred	39.796339	-121.514054	Butte County DA	fatalities encountered in Concow, Broken Glass Cir								TD-027	TD
11/8	10:00	90	Inferred	39.794030	-121.513173	911-111-1, 911-132-1, 911-136-1, 911-231-1, DINS	porch on fire; put 10 gallons water on fire quick; pick up 2 civilians with 3rd degree hand and face burns, one uninjured stayed behind to continue defending structure, house on top of hill with porch on back, [assumed 3819] Broken Glass Cir					×			TD-027	TD
11/8	10:02	0	PPD video	39.761678	-121.612589	TD	partner is over at high school, saying there are kids without rides or parents to pick them up					×			TD-064	TD
11/8	10:02	0	TD-071	39.761747	-121.612603	TD	at Paradise High School with group of kids needing rides; transport to PPD					×			TD-076	TD
11/8	10:02	0	PPD video	39.761734	-121.612594	PPD video	15 kids outside with principal; cannot reach the parents					×			TD-071	TD
11/8	10:02	0	PPD video	39.761734	-121.612594	PPD video	squeeze 7 kids into cruiser and take to PPD; large PPD van with VIPS went to pick up rest					×			TD-071	TD
11/8	10:02	0	PPD-02	39.761430	-121.613347	Radio	35: "At the high school now, 14 kids who don't have rides, I'm going to start bringing them to PD."					×			PPD-02	Radio
11/8	10:02	0	PPD-05	39.761430	-121.613347	Radio	35: "At the high school now, 14 kids who don't have rides, I'm going to start bringing them to PD."					×	×		PPD-05	Radio
11/8	10:02	16	Inferred	39.761678	-121.612589	TD	took bike path to Elliott Rd to High School; pick up group of kids; very strong wind at school					×			TD-064	TD
11/8	10:02	16	Inferred	39.753768	-121.624022	TD	bring kids back to station; completely dark outside at station					×			TD-064	TD
11/8	10:03	0	PPD-02	39.745816	-121.638001	Radio	91: "Allowing traffic WB on Neal Rd; no inbound traffic permitted."			×					PPD-02	Radio
11/8	10:03	0	PPD-05	39.727535	-121.655452	Radio	91: "Allowing traffic WB on Neal Rd; no inbound traffic permitted [location inferred]"			×					PPD-05	Radio
11/8	10:03	0	TD	39.776551	-121.591685	video	3 or 4 lanes SB on Clark Rd; slow moving backup			×					VTD-18	video
11/8	10:03	0	Radio Log	39.812794	-121.578437	Radio Log	LE Disp: "Old Skyway and new Skyway are shut down, no one can evacuate from Magalia SB."			×					VTD-32	Radio Log
11/8	10:04	0	AVL	39.752260	-121.607766	AVL	Clark Rd SB directed to Pearson Rd WB; Pearson Rd WB directed to Clark Rd SB			×					TD-009	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:04	0	Radio Log	39.747734	-121.572490	TD	heavy traffic and fire off of Pentz Rd; leading some vehicles on Pentz Rd			×		×			TD-111	Radio Log
11/8	10:04	0	PPD-02	39.750408	-121.575932	Radio	14: CAL FIRE was able to get the deputy and CHP out of Pearson Rd and are at FRH						×		PPD-02	Radio
11/8	10:04	0	TD	39.776087	-121.590994	Photo	count of civilian vehicles increased to about 40 to 50							×	VTD-18	Photo
11/8	10:04	6	AVL	39.765638	-121.602173	AVL	5 lanes traffic SB on Clark Rd total gridlock, between Pearson Rd and Bille Rd; drive half on sidewalk; very slow getting to Bille Rd; smoky but can see headlights			×					TD-009	TD
11/8	10:04	14	AVL	39.748583	-121.581067	AVL	Pearson Rd near Cherry Ln; area on fire, TRA with lots of cars						×	×	TD-123	TD
11/8	10:05	0	AVL	39.691117	-121.774683	AVL	CA-99 SB is jammed at Neal Rd, backed up to Estates Dr	×		×					TD-012	TD
11/8	10:05	0	PPD-02	39.800458	-121.580605	video	two vehicles head NB Skyway			×					PPD-02	video
11/8	10:05	0	PPD-05	39.762615	-121.574862	Radio	1329: "status?" — "I'm down a side street, avoiding getting burnt, have a civilian with me and another vehicle doing the same, believe I'm on a court starting with "M," most houses are burnt down."					×	×		PPD-05	Radio
11/8	10:05	8	Inferred	39.748643	-121.580943	video	2 lanes Pearson Rd WB very slow at Cherry Ln; dark, visibility 10 ft to 100 ft (3 m to 30 m)			×				×	VTD-23	video
11/8	10:05	13	AVL	39.674875	-121.755857	AVL	cannot access Neal Rd; CA-99 SB totally blocked. 5 or 6 PD vehicles driving down the median toward Neal Rd.	×		×					TD-012	TD
11/8	10:05	13	AVL	39.665787	-121.743930	TD	Both directions CA-99 blocked at Neal Rd	×		×					TD-012	TD
11/8	10:05	27	AVL	39.764110	-121.619416	AVL	All lanes Skyway southbound, driving northbound on sidewalk			×					TD-030	TD
11/8	10:06	0	PPD-02	39.762629	-121.574842	Radio	1329: "status?" — "I'm down a side street, avoiding getting burnt, have a civilian with me and another vehicle doing the same, believe I'm on a court starting with "M," most houses are burnt down."					×	×		PPD-02	Radio
11/8	10:06	0	Radio Log	39.757831	-121.589049	Radio Log	LE Disp: "Info, Sawmill Rd at St Peters [Ct], 3 people on foot surrounded by fire." [possibly related to TD-123?]						×		VTD-32	Radio Log
11/8	10:06	0	Radio Log	39.812794	-121.578437	Radio Log	LE Disp: "Repeat, any Magalia evacs go NB Skyway through Butte Meadows."			×		×			VTD-32	Radio Log
11/8	10:06	6	AVL	39.766941	-121.600736	AVL	Traffic backed up 5 lanes southbound (drove up sidewalk)			×					TD-014	TD
11/8	10:06	6	AVL	39.781348	-121.580490	AVL	Merrill Rd at Pentz Rd to follow up on rescue request for mobility impaired non-ambulatory civilian						×		TD-017	911-215-1
11/8	10:06	8	Inferred	39.748628	-121.581223	video	"Pull in to where the bulldozer is, pull in to the bulldozer. Let's go let's go"; engine directing vehicles into empty grass lot; video is one of last vehicles into lot					×	×	×	VTD-23	video
11/8	10:06	9	Inferred	39.748288	-121.581290	TD	gather people into empty lot and get them turned around (7 min to 10 min)						×	×	TD-129	TD
11/8	10:06	9	Inferred	39.748742	-121.579079	TD	power lines begin falling			×					TD-129	TD
11/8	10:06	11	AVL	39.770003	-121.506739	AVL	Evacuation of side streets on Concow Rd (Yellow Wood Rd), face to face with civilians, some of whom decided to stay; no fire here yet				×				TD-031	TD
11/8	10:06	16	AVL	39.748321	-121.581274	AVL	directed 60 to 80 vehicles into dirt/gravel yard. Car wrecks into ditch, driver runs W down Pearson Rd			×		×	×	×	TD-087	TD
11/8	10:06	18	AVL	39.748244	-121.581343	AVL	dozer clears/clears around lot; assemble 30 cars into dozer-cleared gravel/grass						×	×	TD-122	TD
11/8	10:07	0	Photo	39.764541	-121.626197	Photo	arrive at Oliver Rd via Valley View Dr due to congestion; totally blocked; Oliver Rd backed up Skyway to Bille Rd			×					TD-036	Photo
11/8	10:07	0	Inferred	39.722505	-121.572405	TD	directed family to evacuate to Oroville					×			TD-086	TD
11/8	10:07	0	PPD-02	39.800458	-121.580605	video	moving vehicles to make space to unload a semi-trailer in the middle of the intersection	×	×					×	PPD-02	video
11/8	10:07	0	PPD-02	39.769720	-121.583596	Radio	"Got multiple vehicles clear from the area of 1642 Bille Rd, most vehicles are clear, some are abandoned at this point."	×	×						PPD-02	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:07	0	PPD-05	39.769651	-121.583491	Radio	“Got multiple vehicles clear from the area of 1642 Bille Rd, most vehicles are clear, some are abandoned at this point.”			×					PPD-05	Radio
11/8	10:07	0	Photo	39.764541	-121.626197	Photo	2 lanes SB, jammed			×					TD-036	Photo
11/8	10:08	0	Radio Log	39.719683	-121.515900	Radio Log	coordination of air evacuation of 3 burn victims 50% burns, pick up from [Yankee Hill] Hardware Store 10:28					×			TD-008	TD, Radio Log
11/8	10:08	0	PPD video	39.756933	-121.589059	TD	Sawmill Rd impassable north of Nunneley Rd; fire crossing roadway	×							TD-070	TD
11/8	10:08	0	Inferred	39.755928	-121.596554	TD	both lanes Nunneley Rd are WB; standstill from Clark Rd to between Libby Rd and Sawmill Rd			×					TD-070	TD
11/8	10:08	0	Photo	39.704236	-121.741581	Photo	all 4 lanes Skyway are outbound south			×					TD-155	TD
11/8	10:08	0	Photo	39.704228	-121.741678	Photo	Skyway 1 lane SB in NB lane, 2 lanes SB in SB lanes; 1 lane NB for emergency vehicles			×					TD-155	Photo
11/8	10:08	0	Photo	39.704275	-121.741176	Photo	Skyway 1 lane SB in NB lane, 2 lanes SB in SB lanes; 1 lane NB for emergency vehicles			×					TD-155	Photo
11/8	10:08	8	Inferred	39.748515	-121.581250	video	“Pull over there” “and then what?” “Then hunker down. Keep your windows rolled up”; multiple vehicles in Pearson Rd TRA					×	×	×	VTD-23	video
11/8	10:09	0	PPD-02	39.762663	-121.574334	Radio	2913: “Looks like the vehicles have moved off just in front of me, are you clear or still moving cars?”			×					PPD-02	Radio
11/8	10:09	0	PPD-05	39.762660	-121.574329	Radio	2913: “Looks like the vehicles have moved off just in front of me, are you clear or still moving cars?”			×					PPD-05	Radio
11/8	10:09	0	PPD-05	39.797076	-121.585170	Radio	S15: “We have a woman in labor at Fastrip, any way to get services up here?”					×	×		PPD-05	Radio
11/8	10:10	0	PPD video	39.797081	-121.585186	PPD video	S15 announces about pregnant woman needing evac; 200+ civilians at Optimo					×	×	×	TD-074	PPD video
11/8	10:10	0	PPD-02	39.797324	-121.585176	Radio	S15: “We have a woman in labor at Fastrip, any way to get services up here?”					×	×		PPD-02	Radio
11/8	10:10	0	PPD-05	39.748616	-121.588883	Radio	14: “26 if you are trying to access the officers on Pearson Rd, they are back at FRH — 26: “I cannot access Pearson Rd east of Sawmill Rd.”	×							PPD-05	Radio
11/8	10:10	2	AVL	39.774742	-121.593461	AVL	driving back on roadway between Bille and Wagstaff [not on the sidewalk]			×					TD-009	TD
11/8	10:10	8	Inferred	39.748400	-121.581211	video	“We’re going to turn around; we’re going to open up the road and go towards the hospital”					×	×	×	VTD-23	video
11/8	10:10	11	Inferred	39.692152	-121.616909	TD	bumper to bumper SB from Durham-Pentz Rd to Pearson Rd one lane; NB open			×					TD-041	TD
11/8	10:10	32	PPD video	39.797081	-121.585201	TD	high-risk pregnancy needs evacuation; request helicopter; EMS supervisor arrives and SO escorts down Skyway with EMS					×			TD-067	TD
11/8	10:10	32	Inferred	39.796150	-121.586182	TD	BCSO escorts convoys of 20 vehicles down Skyway, including school bus with unknown number of people; several convoys until powerline drops and blocks passage					×			TD-067	TD
11/8	10:12	0	Inferred	39.777436	-121.602046	TD	rescue civilian lady from doorway; pass her on to engine to evacuate to Kmart					×	×		TD-127	TD
11/8	10:12	0	Radio Log	39.773833	-121.603071	Radio Log	fire progressing toward Bille Rd and Skyway; one engine; making rescues of civilians; assigned 9220C enroute					×			TD-127	Radio Log
11/8	10:12	0	PPD-05	39.757924	-121.571721	video	vehicles still arriving at hospital after being instructed by fire to come to FRH						×		PPD-05	video
11/8	10:12	7	AVL	39.777700	-121.590067	AVL	some cars in Kmart parking lot TRA, already established; civilians and FF present							×	TD-009	TD
11/8	10:13	0	Photo	39.720141	-121.699862	Photo	Skyway 1 lane SB in NB lane, 2 lanes SB in SB lanes with gaps in traffic; 1 lane NB for emergency vehicles			×					TD-155	Photo
11/8	10:14	0	AVL	39.770350	-121.579432	AVL	E81 is spraying intersection, intersection full with vehicles			×		×	×		TD-060	TD
11/8	10:14	0	AVL	39.773750	-121.579517	AVL	edge of fire and traffic			×					TD-083	TD
11/8	10:14	0	Radio Log	39.752252	-121.607782	Radio Log	LE Disp: “Pearson Rd at Clark Rd, trying to get the bus turned around”					×			VTD-32	Radio Log

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11/8	10:14	0	Radio Log	39.748606	-121.610206	Radio Log	OPD10: "There's a bus on Buschmann Rd already."					×			VTD-32	Radio Log
11/8	10:14	0	Radio Log	39.748606	-121.610206	Radio Log	"Bus is not needed at Buschmann Rd, there are enough resources there."					×			VTD-32	Radio Log
11/8	10:15	0	video	39.760733	-121.573417	AVL	total black; on foot rescuing civilians from vehicles					×	×		TD-090	video
11/8	10:15	0	TD-129	39.750779	-121.577080	TD	dozer verified that Pearson Rd was passable	×		×					TD-037	TD
11/8	10:15	0	Radio Log	39.777684	-121.598314	Radio Log	"I've got a shelter in place set up with an engine in there [Wagstaff Rd and Rocky Ln] and they're trying to hold that."							×	TD-127	Radio Log
11/8	10:15	0	Radio Log	39.770482	-121.603107	Radio Log	"Bille Rd and Oak Way; going to have some fire issues and traffic here on Bille Rd as we do on Wagstaff Rd."								TD-127	Radio Log
11/8	10:15	0	Inferred	39.770482	-121.603107	TD	head back down Oak Way, assign engine to work on evacuations and not defensive action				×	×			TD-127	TD
11/8	10:15	0	Photo	39.761054	-121.573550	Photo	Pentz Rd; traffic stopped NB, pitch black			×					TD-090	Photo
11/8	10:15	10	Inferred	39.748742	-121.579079	TD	leading convoy of vehicles from TRA; visibility 2 car lengths; push vehicles and power poles from roadway; dozer glass spalled/cracked from heat					×	×	×	TD-129	TD
11/8	10:15	10	TD-129	39.747754	-121.572524	TD	dozer leads convoy towards hospital					×		×	TD-037	TD
11/8	10:15	10	TD-129	39.750351	-121.575825	TD	CHP vehicle has air bag deployed	×							TD-037	TD
11/8	10:15	15	Inferred	39.750311	-121.612775	TD	stop at the school; no people								TD-049	TD
11/8	10:15	30	Inferred	39.749180	-121.610802	TD	Atria, bus requested; car is blocking road; pick up 13 passengers, some are limited mobility; bus in area had lost police escort					×			TD-049	TD
11/8	10:15	45	Inferred	39.777658	-121.605520	TD	Skyway is jammed; traffic on Wagstaff Rd both lanes WB backed up to Berkshire Ave			×					TD-022	TD
11/8	10:15	120	TD-076	39.759498	-121.623889	TD	Skyway and Elliott Rd; directing traffic; traffic slow to move SB; finally get 3 lanes SB with 1 lane for emergency vehicles; no powerline problems at skyway and Elliott Rd			×					TD-071	TD
11/8	10:15	165	TD-059	39.749170	-121.610776	Inferred	stopped at convalescent home that had already been evacuated					×			TD-057	TD
11/8	10:15	165	TD-059	39.731927	-121.651551	TD	came down Neal Rd, lots of cars; no fire visible, lots of smoke			×					TD-057	TD
11/8	10:16	0	video	39.704344	-121.609587	TD	slow moving traffic SB, bumper to bumper			×					TD-041	TD
11/8	10:16	0	Radio Log	39.773117	-121.630089	Radio Log	E274 walk up report of non-ambulatory patient needing evacuation assistance on West Wagstaff Rd						×		Radio Log	Radio Log
11/8	10:16	0	PPD-02	39.768937	-121.578861	Radio	2913: "What's your intersection look like?" — "3 rows deep jammed packed" — "copy the roadway is cleared in front of me on Pentz Rd" — "the mobile home park is going up near Pentz Rd, it's not safe up here now."			×					PPD-02	Radio
11/8	10:16	0	Photo	39.704376	-121.609602	Photo	steady stream of slow traffic one lane SB			×					TD-041	Photo
11/8	10:16	0	Photo	39.733303	-121.674422	Photo	Skyway 1 lane SB in NB lane			×					TD-155	Photo
11/8	10:17	0	Radio Log	39.765387	-121.617522	AVL	struggling to get through traffic on Skyway; 20 minutes Pearson Rd to Bille Rd on Skyway [12 minutes Foster Rd to Lucky John Rd, 1.4 km, (0.8 mi) (AVL)]			×					TD-030	TD
11/8	10:17	0	Inferred	39.736709	-121.612867	Inferred	Clark Rd at Airport Rd; fire had just hit - vehicles are burning; guardrail posts on fire; flames fully or partially blocking roadway; 30 mi/h to 40 mi/h [13 m/s to 18 m/s] erratic winds; some vehicles driving SB in NB lanes; zero visibility	×		×					TD-041	TD
11/8	10:17	0	PPD-02				73: "I was advised by probation there is a gentleman that needs out on Maple Dr, can you advise an address?"					×	×		PPD-02	Radio
11/8	10:17	0	Photo	39.777463	-121.603044	Photo	no vehicles visible, heavy fire			×					TD-127	Photo
11/8	10:17	17	AVL	39.788083	-121.579700	AVL	ST arrives, decided evacuation wasn't possible, needed TRA							×	TD-085	TD

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11/8	10:17	68	Inferred	39.783585	-121.590585	TD	door to door in MHP at homes with vehicles; send off civilian in POV; worried about getting trapped				×	×			TD-043	TD
11/8	10:18	0	AVL	39.748650	-121.581250	AVL	after fire front all cars left TRA via Pearson Rd to Pentz Rd, follow CAL FIRE in convoy to hospital			×		×	×	×	TD-087	TD
11/8	10:18	0	PPD video	39.748598	-121.607751	TD	officer at Buschmann Rd directing one lane SB Clark Rd and one lane WB Buschmann Rd; very strong winds			×					TD-064	TD
11/8	10:18	0	PPD video	39.737657	-121.612787	TD	advised that conditions to south are bad; drive down to bend; bad fire across roadway	×							TD-065	TD
11/8	10:18	0	PPD video	39.748613	-121.607725	TD	divert SB Clark Rd traffic to Buschmann Rd; with 2 additional PPD			×					TD-065	TD
11/8	10:18	0	PPD-02	39.725403	-121.611852	Radio	SB traffic on Clark Rd south of town limits, fire encroaching roadway; need a detour Buschmann Rd over to Skyway; no more traffic SB on Clark Rd; 1222,1233 enroute to location			×					PPD-02	Radio
11/8	10:18	0	Radio Log	39.748614	-121.607739	Radio Log	traffic on SB Clark needs to be diverted at Buschmann Rd [PPD video]			×					VTD-32	Radio Log
11/8	10:18	0	Photo	39.741716	-121.653870	Photo	Skyway, SB traffic in NB lanes; possible 2 lanes SB merging to 1 lane to allow NB emergency vehicles past			×					TD-155	Photo
11/8	10:18	0	Photo	39.741815	-121.653767	Photo	Skyway, SB traffic in NB lanes; possible 2 lanes SB merging to 1 lane to allow NB emergency vehicles past			×					TD-155	Photo
11/8	10:18	2	PPD-02	39.800953	-121.579560	video	civilian vehicle attempts to go NB on Skyway but returns to Skyway and Pentz Rd			×					PPD-02	video
11/8	10:18	8	AVL	39.748583	-121.581067	AVL	lead 40 to 50 vehicles from TRA to hospital; power lines down everywhere					×	×	×	TD-123	TD
11/8	10:18	19	Inferred	39.726737	-121.636312	TD	Wayland Rd, Foster Rd, Buschmann Rd all backed up			×					TD-065	TD
11/8	10:18	19	Inferred	39.727462	-121.655536	TD	initiate counter flow two lanes SB on Neal Rd at Wayland Rd; dozer transport or other fire personnel directing traffic			×					TD-065	TD
11/8	10:18	162	TD	39.748545	-121.626615	TD	set up at Foster Rd and Buschmann Rd to send people SB Foster Rd to Wayland Rd and Neal Rd; very strong winds			×		×			TD-064	TD
11/8	10:19	0	Photo	39.745867	-121.645279	Photo	Skyway NB; traffic all lanes SB; fire burning south side Skyway, fences, structures, vegetation; visibility dark, smoky 20 ft [6 m]			×					TD-155	Photo
11/8	10:19	7	AVL	39.780547	-121.598268	AVL	in area of Wagstaff Rd and Rocky Ln; looking for people, sending a few to Kmart TRA [Paradise Plaza, TRA-K] due to traffic and fire conditions; not as smoky or dark as Clark Rd, less breezy				×	×		×	TD-009	TD
11/8	10:20	0	Photo	39.738753	-121.612026	TD	Clark Rd, north of American Way; dark as night; SB traffic bumper to bumper			×					TD-041	TD
11/8	10:20	0	Radio Log	39.797310	-121.585171	Radio Log	LE at Skyway and Clark Rd requesting helicopter evac of pregnant woman						×		VTD-32	Radio Log
11/8	10:20	0	Photo	39.738968	-121.611710	Photo	steady stream of slow traffic one lane SB; NB open for emergency vehicles			×					TD-041	Photo
11/8	10:20	10	PPD video	39.753784	-121.624048	TD	phones die; lines would ring but couldn't answer; told to evacuate PPD					×			TD-078	TD
11/8	10:20	37	Inferred	39.759501	-121.623858	TD	traffic is total standstill at Skyway and Elliott Rd; cars parked in intersection			×					TD-076	TD
11/8	10:20	37	Inferred	39.759501	-121.623858	TD	get vehicles turned around and all 5 lanes SB			×					TD-076	TD
11/8	10:20	115	Inferred	39.759509	-121.623908	TD	alternate traffic 30 seconds, 3 minutes at a time from Skyway and Elliott Rd; did this for 2 to 3 hours			×		×			TD-076	TD
11/8	10:21	0	Inferred	39.752263	-121.607741	TD	Clark Rd and Pearson Rd; 1 PPD and DPW directing traffic; no traffic is being directed SB; bumper to bumper - two lanes coming from E on Pearson Rd			×					TD-041	TD
11/8	10:21	0	Inferred	39.755956	-121.607420	TD	Clark Rd is 4 lanes SB; 1 lane is open NB between Pearson Rd and Elliott Rd; following engine strike team up hill			×					TD-041	TD
11/8	10:21	0	Radio Log	39.742008	-121.607632	Radio Log, TD-041	“Vehicle evacuations coming down Clark Rd are really slowing down and are going to be impacted by fire [...] fire is impacting the line of traffic.”			×					Radio Log	Radio Log
11/8	10:21	0	Radio Log	39.647308	-121.634467	Radio Log	suggest opening up traffic at the 4-way at Pentz Rd/Clark Rd, they're going to stall you out, fire is impacting the line of traffic			×					Radio Log	Radio Log

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11/8	10:21	0	Radio Log	39.647321	-121.634486	Radio Log	9220C to IC: "Suggestion would be to open up traffic down at the 4-way [Durham-] Pentz Rd and Clark Rd [...] bottleneck down there [...] when I came through there they were letting traffic both ways, they're going to stall you out, fire is close and impact the line of traffic."			×					VTD-32	Radio Log
11/8	10:22	0	Photo	39.746470	-121.646100	Photo	visibility less than 20 ft [6 m]; traffic SB			×					TD-155	Photo
11/8	10:22	0	Photo	39.746492	-121.646050	Photo	2+ lanes SB			×					TD-155	Photo
11/8	10:23	0	PPD video	39.755928	-121.596554	TD	RV blocking Nunneley Rd								TD-070	TD
11/8	10:23	0	Inferred	39.755928	-121.596554	TD	moved smashed car from roadway	×	×						TD-070	TD
11/8	10:23	0	PPD video	39.755928	-121.596554	TD	take kids from elderly couple who was refusing to leave RV					×			TD-070	TD
11/8	10:23	0	Inferred	39.755945	-121.597410	TD	pick up dispatcher stuck in traffic; take to PPD with PA and sirens					×			TD-070	TD
11/8	10:23	0	PPD-02	39.755928	-121.596554	TD	26: "There's an RV [unintelligible] I have two children with me; we'll be enroute to PPD."					×	×		PPD-02	Radio
11/8	10:23	0	PPD-02	39.797383	-121.585139	Radio	S15 S11: "Are you still in need of medical care?" — "Yes; Fastrip, woman in labor" (dispatch advises CAL FIRE is trying to get there)					×	×		PPD-02	Radio
11/8	10:23	0	Photo	39.762605	-121.622110	Photo	5 lanes SB jammed; traffic merging from Oliver Rd			×					TD-036	Photo
11/8	10:23	231	Inferred	39.762606	-121.622111	TD	traffic lights on red flash at some point; no cell phone; radio comms were good								TD-036	TD
11/8	10:23	231	Inferred	39.761577	-121.628435	TD	some people were successful to evacuate Valley View Dr via Crestview Dr/Crestwood Dr/Elliott Rd			×					TD-036	TD
11/8	10:23	231	Inferred	39.762606	-121.622111	TD	Skyway is 5 lanes SB; SB Skyway not letting Oliver Rd to merge; Oliver Rd backed up all the way to Bille Rd; directed traffic to allow one lane from Oliver Rd to get onto Skyway SB; off-duty Chico PD assisted at intersection			×					TD-036	TD
11/8	10:23	231	Inferred	39.762951	-121.620403	TD	worst-case, planned to send people to Holiday Market parking lot; didn't need to						×		TD-036	TD
11/8	10:23	231	Inferred	39.762951	-121.620403	TD	had to tape off parking lot to prevent cars from driving around backed up traffic			×					TD-036	TD
11/8	10:23	231	Inferred	39.762606	-121.622111	TD	heard on radio of another strike team coming up Skyway; stopped traffic, but ST never came by			×					TD-036	TD
11/8	10:24	8	AVL	39.757595	-121.572305	AVL	tail end of convoy, take 30 cars to hospital					×	×	×	TD-122	TD
11/8	10:25	0	AVL	39.736583	-121.818283	AVL	NB traffic on CA-99 is flowing normal. SB CA-99 creeping slow.			×					TD-012	TD
11/8	10:25	0	Inferred	39.747752	-121.572492	TD	get convoy to Pentz Rd and Pearson Rd; wait for convoy to pass toward hospital					×	×		TD-129	TD
11/8	10:25	0	PPD-02	39.777742	-121.590593	Radio	"Clark Rd and Wagstaff Rd is all clear, all traffic is moving SB all lanes."			×					PPD-02	Radio
11/8	10:25	0	Radio Log	39.745423	-121.638275	Radio Log	LE: "J39 en route to Chico Fairgrounds on Neal Rd with the B-Line bus."					×			VTD-32	Radio Log
11/8	10:25	5	AVL	39.800409	-121.580827	AVL	LE trying to send people SB on Skyway. Pepsi truck was unloaded - thought to be a plan for TRA. Truck was holding up traffic. [Note: truck wasn't really holding up traffic. Traffic was held up at Clark Rd and backed up. It was in the way later, but not necessarily holding up traffic]	×		×					TD-061	TD
11/8	10:25	5	AVL	39.797260	-121.585507	TD	Skyway is backed up from Clark Rd to Pentz Rd			×					TD-061	TD
11/8	10:25	54	Inferred	39.755925	-121.595934	TD	wall of traffic, both lanes WB on Nunneley Rd			×					TD-112	TD
11/8	10:25	54	Inferred	39.755929	-121.594787	TD	driving on PA telling people to evacuate				×				TD-112	TD
11/8	10:26	0	AVL	39.750733	-121.576833	AVL	burned vehicles in roadway	×							TD-087	TD
11/8	10:26	0	AVL	39.756317	-121.571900	AVL	hospital — drop off convoy					×	×		TD-123	TD

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11/8	10:26	4	AVL	39.767900	-121.613067	AVL	At 7419 Skyway; nursing home. Advised about 20 to 25 non-ambulatory patients worried about evacuation. Notify ECC					×	×			TD-030	TD, Radio Log
11/8	10:26	6	AVL	39.775962	-121.597109	AVL	Sherwood Forest Mobile Home Park; a few people packing cars, most already out; hit siren				×	×				TD-009	TD
11/8	10:27	0	Inferred	39.757292	-121.572004	TD	Hand off [civilian] to E2182 at hospital					×	×			TD-037	TD
11/8	10:27	0	PPD-02				A1: "Is there any confirmation on whether or not we can continue to send folks down Clark [Rd]? Is there a fire there threatening the roadway?" — Dispatch: "P24 advises there is fire threatening the roadway [...]" — A1: "Can you just try and confirm please? We could send a lot of traffic that way if it's still open." power line now all the way down	×								PPD-02	Radio
11/8	10:28	0	AVL	39.747650	-121.572438	AVL	power line now all the way down	×								TD-122	TD
11/8	10:28	0	Radio Log	39.718848	-121.516411	Radio Log	CHP Copter 14 is on the ground at Yankee Hill True Value for patient evacuation					×				TD-006	Radio Log
11/8	10:28	0	Radio Log	39.718885	-121.516509	TD	4 helicopters land at dome store [correction: hardware store?, via radio]					×				TD-013	TD
11/8	10:28	0	PPD-07	39.800467	-121.580829	video	traffic SB 2 lanes Skyway stopped; backed up; people wandering about			×						PPD-07	video
11/8	10:28	0	PPD-07	39.800467	-121.580829	video	1 lanes NB Pentz Rd stopped			×						PPD-07	video
11/8	10:28	0	PPD-07	39.800467	-121.580829	video	line of cars 1 lane SB north of Pentz Rd backed up to undetermined location			×						PPD-07	video
11/8	10:28	0	Radio Log	39.760862	-121.570932	Radio Log	1870 Vineyard Dr, person in a wheelchair in the road					×				VTD-32	Radio Log
11/8	10:29	0	PPD-02	39.753781	-121.624022	Radio	"I've got one male with me that I picked up on Merrill [Rd] from a wheelchair [...]" — [instructed to head to PPD; others are also at PPD with no transport out] — "We're just staging at the PD unless you have a better idea." — "Affirmative. There are B-Line buses here, I just haven't been able to track down drivers."					×	×			PPD-02	Radio
11/8	10:30	0	TD	39.759961	-121.644948	TD	power goes out; neighbor says to leave; light breeze, clear sky				×					TD-026	TD
11/8	10:30	0	AVL	39.627150	-121.698083	AVL	hit backup on CA-99 NB; via AVL traffic NB is very heavy/stopped			×						TD-092	TD
11/8	10:30	0	AVL	39.750721	-121.576333	AVL	clear blockage on Pearson Rd	×	×							TD-129	AVL
11/8	10:30	0	Inferred	39.759493	-121.606631	TD	LEO at Clark and Elliott; 5 or 6 lanes here are formed going SB; jamming as many as possible SB; driving NB on curb hitting mailboxes and trash cans.			×						TD-041	TD
11/8	10:30	0	TD-078	39.748545	-121.626615	TD	directed dispatcher [evacuating from PPD] down Foster Rd			×		×				TD-064	TD
11/8	10:30	0	PPD video	39.753787	-121.624052	TD	phones die; evacuate PPD					×				TD-073	TD
11/8	10:30	0	Inferred	39.752437	-121.624505	TD	most traffic trying to get to Skyway, difficult to cross Pearson Rd; some vehicles in wrong lane			×						TD-073	TD
11/8	10:30	0	PPD video	39.753784	-121.624048	TD	Paradise communications evacuating to Chico					×				TD-078	TD
11/8	10:30	0	TD	39.770371	-121.612163	TD	traffic one way WB, both lanes on Bille Rd, turning SB onto Skyway; traffic is being directed			×						TD-116	TD
11/8	10:30	0	TD	39.647549	-121.634412	TD	head up Clark Rd from four corners [Clark Rd at Durham-Pentz Rd]; single lane SB			×						TD-110	TD
11/8	10:30	0	TD	39.726132	-121.656643	TD	advise police not to allow NB traffic on Neal Rd			×						TD-105	TD
11/8	10:30	0	Inferred	39.727525	-121.655484	TD	found an anchor to start working; too many cars to keep going north; some cars are breaking down; no fire, just smoke			×						TD-106	TD
11/8	10:30	0	TD	39.729041	-121.613179	TD	spot fires starting on west side of Clark Rd, too big to put out alone; tons of people evacuating					×				TD-100	TD
11/8	10:30	0	TD	39.707038	-121.790697	TD	buses dropped people at Neighborhood Church shelter [unclear where passengers came from...Paradise, Butte College, Concow, other]					×	×			TD-047	TD
11/8	10:30	0	PPD-02	39.753781	-121.624022	Radio	"Paradise communications is evacuating to Chico."					×				PPD-02	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:30	0	Radio Log	39.714918	-121.795302	Radio Log	?: "Tell CPD they can send more cars towards the highway at Bruce [Rd]. There's plenty of room to take cars down here. They can keep cars coming WB toward the highway. Skyway and Notre Dame [Blvd] is cleared out."			×					VTD-32	Radio Log
11/8	10:30	0	Photo	39.925551	-122.025909	Photo	light traffic both directions			×					TD-205	Photo
11/8	10:30	10	Inferred	39.689243	-121.621082	TD	occasional two lanes SB, had to drive on side of road			×					TD-110	TD
11/8	10:30	10	Inferred	39.704795	-121.609462	TD	sparse traffic north of location			×					TD-110	TD
11/8	10:30	10	Inferred	39.731434	-121.617313	TD	stop at house; wife there; elderly neighbor says he is staying				×	×			TD-110	TD
11/8	10:30	19	AVL	39.791225	-121.579133	AVL	knocking on doors				×				TD-060	TD
11/8	10:30	30	Inferred	39.737686	-121.631135	TD	Foster has light traffic; driving 25 mi/h to 30 mi/h [40 km/h to 50 km/h]			×					TD-073	TD
11/8	10:30	30	Inferred	39.748541	-121.626609	TD	PPD officer directing traffic, Foster Rd and Buschmann Rd			×		×			TD-078	TD
11/8	10:30	30	Inferred	39.737854	-121.630903	TD	all streets feeding Foster Rd were backed up			×					TD-078	TD
11/8	10:30	38	Inferred	39.766565	-121.576322	TD	arrive to Chloe Ct and tie in with [TD-015]; two ambulances there, one is on fire							×	TD-111	TD
11/8	10:30	45	Inferred	39.723060	-121.619665	TD	drove through Round Valley Ranch Rd to look for and evacuate people; find civilians, 30 to 40 horses, some did not know of fire; tell civilians "leave or die"; smoke high up, but still daylight				×				TD-100	TD
11/8	10:30	45	Inferred	39.728204	-121.612917	TD	working with Chico PD on traffic control; traffic outbound SB from Paradise			×					TD-101	TD
11/8	10:30	45	Inferred	39.748554	-121.626614	TD	traffic super congested			×					TD-049	TD
11/8	10:30	90	Inferred	39.783927	-121.599559	video	people were told to abandon vehicles in the area of Skyway and Quail Way and [...]			×		×	×		VTD-10	TD
11/8	10:30	90	Inferred	39.777790	-121.606558	TD	People were told to [...] hunker down in antique shop on Wagstaff Rd					×	×	×	VTD-10	TD
11/8	10:30	120	Inferred	39.727616	-121.655411	TD	still a lot of civilian traffic			×					TD-106	TD
11/8	10:30	150	Inferred	39.727471	-121.655521	TD	Animal control and [PPD] at Neal Rd and Wayland Rd directing traffic					×			TD-064	TD
11/8	10:30	150	Inferred	39.743942	-121.633241	TD	pick up 4 more civilians along way to Neal Rd						×		TD-049	TD
11/8	10:30	210	TD	39.771549	-121.632128	TD	hear on radio about getting people to shelter in Bille Park; advise on radio that fire front coming that way and is a bad spot					×		×	TD-113	TD
11/8	10:31	0	Radio Log	39.766565	-121.576322	TD	E941 made access to medic units sheltering in place; 941 will be defending the area							×	TD-111	Radio Log
11/8	10:32	0	Radio Log	39.818405	-121.592358	Radio Log	LE disp: "NB Skyway is completely gridlocked through Magalia, no cars moving."				×				VTD-32	Radio Log
11/8	10:33	0	AVL	39.749051	-121.578565	AVL	clear blockage on Pearson Rd	×	×						TD-129	AVL
11/8	10:33	0	Radio Log	39.746174	-121.642945	Radio Log	LE: "Spot fire south of Neal [Rd] on Skyway both sides slowing traffic, I think once past [Skyway] Crossroad it's okay down to Chico."			×					VTD-32	Radio Log
11/8	10:33	15	AVL	39.770398	-121.615016	AVL	in the area of 923 Bille Rd; medical assist with panic attack, neighbor helped with evacuations						×		TD-030	TD
11/8	10:33	30	AVL	39.770533	-121.623788	AVL	Bille Rd west of Skyway; traffic backed up. Multiple medical aid calls			×		×			TD-030	TD
11/8	10:34	132	AVL	39.787967	-121.580417	AVL	begin bringing people to TRA (6 or 7 vehicles with multiple people); traffic has reduced. More vehicles arrive? Drop off 3 civilian passengers at church. At some point vehicles are escorted out with LE.			×		×		×	TD-085	TD
11/8	10:35	0	AVL	39.748639	-121.582180	AVL	clear blockage on Pearson Rd	×	×						TD-129	AVL
11/8	10:35	0	TD	39.770374	-121.612330	TD	Skyway and Bille Rd total gridlock			×					TD-055	TD
11/8	10:35	0	Inferred	39.765523	-121.602372	TD	approaching McDonald's, everything beginning to burn, house on fire; 4 or 5 lanes SB on Clark Rd			×					TD-058	TD

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11/8	10:35	0	Photo	39.761615	-121.605342	Photo	at least 2 SB lanes jammed			×					TD-055	Photo
11/8	10:36	0	AVL	39.748602	-121.589012	AVL	another backup WB Pearson Rd at Sawmill Rd; Butte County Probation. Trying to get people out to Clark Rd			×		×			TD-123	TD
11/8	10:36	0	PPD-02	39.746134	-121.638081	Radio	“We need to keep 1 lane NB Neal Rd open, that’s the emergency access route”— “We have 1 lane NB we are diverting SB on Neal Rd”			×					PPD-02	Radio
11/8	10:36	8	AVL	39.753255	-121.589033	AVL	on horn driving along Sawmill Rd between Pearson Rd and Sir Ct				×				TD-123	TD
11/8	10:37	0	PPD-02	39.727458	-121.655529	Radio	91: directing traffic, both lanes Neal Rd are headed SB and spacing out at Wayland Rd, directing traffic between the two to go down into Chico			×					PPD-02	Radio
11/8	10:37	0	Radio Log	39.727496	-121.655487	Radio Log	91: directing traffic, both lanes Neal Rd are headed SB and spacing out at Wayland Rd, directing traffic between the two to go down into Chico			×					VTD-32	Radio Log
11/8	10:38	0	Photo	39.761630	-121.568072	Photo	No people, few vehicles, but a sea of walkers outside building (mobility aid)					×			TD-005	Photo
11/8	10:38	0	video	39.753660	-121.572389	TD	Pentz Rd; smoky; visibility ~200 ft [60 m]; structures burning past-peak, limited active surface fire; no traffic; light wind from east 5 mi/h to 10 mi/h [2 m/s to 4 m/s]			×					TD-037	video
11/8	10:38	0	Photo	39.750519	-121.572507	Photo	no vehicles visible			×					TD-037	Photo
11/8	10:39	0	Radio Log	39.727930	-121.536169	Radio Log	U2141 scouting Nelson Bar Rd, fire about 2 hours away, will not be able to hold flank with current resources; BCSO and fire crews working area for evacuations				×	×			TD-008	Radio Log
11/8	10:39	0	AVL	39.748609	-121.584986	AVL	clear blockage on Pearson Rd	×	×						TD-129	AVL
11/8	10:39	0	Radio Log	39.727496	-121.655487	Radio Log	LE: “Need to make sure people are using one lane down, coordinate with CHP that Clark Rd and Neal Rd are both SB 1 lane only.”			×					VTD-32	Radio Log
11/8	10:39	0	Photo	39.748188	-121.572426	Photo	no vehicles visible AV147		×	×					TD-037	Photo
11/8	10:40	0	Photo	39.776733	-121.603064	Photo	no vehicles visible			×					TD-127	Photo
11/8	10:41	0	Radio Log	39.748589	-121.607730	Radio Log	LE is confirming that Clark Rd is reopened but only for 1 lane SB. Will send traffic SB down Clark Rd again, but cannot control what they do south of Buschmann Rd			×					VTD-32	Radio Log
11/8	10:42	0	PPD-02	39.797383	-121.585139	Radio	sending pregnancy with BCSO escort and Butte EMS and gold Honda down Skyway from Fastrip					×	×		PPD-02	Radio
11/8	10:42	0	Inferred	39.777744	-121.590635	video	smoke to ground, not too dark, looks foggy; no traffic jam at intersection, no traffic on Clark Rd; traffic light green			×					VTD-26	video
11/8	10:42	0	Inferred	39.777744	-121.590635	video	right onto Wagstaff Rd WB at Clark Rd with 6+ other vehicles			×					VTD-26	video
11/8	10:42	2	PPD-02	39.800953	-121.579560	video	Mazda van NB Skyway and then returns	×							PPD-02	video
11/8	10:42	38	Inferred	39.795307	-121.586576	TD	Skyway SB becomes impassable	×							TD-067	TD
11/8	10:43	0	Radio Log	39.757383	-121.572310	Radio Log	“information, most of Pentz Rd has opened up now”			×					TD-015	Radio Log
11/8	10:43	0	AVL	39.752630	-121.572438	AVL	traffic is now cleared on Pentz Rd between hospital and Pearson Rd			×					TD-124	TD
11/8	10:43	0	video	39.797102	-121.585199	video	pregnant wife stuck in traffic up by Fastrip; couldn’t access through the traffic			×					VTD-13	TD
11/8	10:43	0	Radio Log	39.784248	-121.583579	Radio Log	LE: “1633 Cypress, ...currently patients in a care home; they have 9 transport vans en route but they can’t get through.”					×	×		VTD-32	Radio Log
11/8	10:43	0	Radio Log	39.796759	-121.585768	Radio Log	S15: BCSO leading another BCSO and EMS and POV gold Honda with a pregnant woman from Fastrip						×		VTD-32	Radio Log
11/8	10:43	14	AVL	39.708285	-121.611504	AVL	lots of traffic SB on Clark Rd, sometimes both lanes SB			×					TD-130	TD
11/8	10:44	0	Radio Log	39.692994	-121.615599	Radio Log	traffic is coming down both lanes on Clark Rd			×					Radio Log	Radio Log
11/8	10:44	0	PPD-02	39.797336	-121.585497	Radio	13: “Affirming you’re code 4 still?” — 15: “Code 4 with a couple thousand [sic] people, yes.” [Note: best post-fire data suggests a couple hundred people]							×	PPD-02	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:44	0	video	39.777749	-121.590610	video	traffic light at Wagstaff Rd and Clark Rd is green; visibility good; no traffic on roadways			×					VTD-13	video
11/8	10:44	0	video	39.745940	-121.647186	video	vehicles heading single file down Skyway NB lanes at the split; 25 mi/h [40 km/h]			×					VTD-14	video
11/8	10:44	0	Inferred	39.777652	-121.606283	video	Skyway 3 lanes SB south of Wagstaff Rd, 2 lanes SB north of Wagstaff Rd; jammed up standstill past Wagstaff Rd; traffic light operating; light winds, smoky but not dark			×					VTD-26	video
11/8	10:44	3	AVL	39.750978	-121.589033	AVL	pick up civilians with flashlights on road						×		TD-123	TD
11/8	10:45	0	Radio Log	39.800446	-121.580857	Radio Log	serious traffic backup with a lot of civilians in gridlock to Pentz Rd and Skyway			×					TD-061	Radio Log
11/8	10:45	0	Inferred	39.776841	-121.590428	TD	TRA at Kmart was established later; some unknown time after passing by							×	TD-041	TD
11/8	10:45	0	Inferred	39.780724	-121.589071	TD	less to no traffic on Clark Rd north of Wagstaff Rd			×					TD-041	TD
11/8	10:45	0	Inferred	39.665854	-121.743793	TD	attempt to clear traffic at Neal Rd and CA-99			×					TD-105	TD
11/8	10:45	0	video	39.777639	-121.606313	video	Skyway is all lanes SB; stopped or slow moving; traffic light operating normal			×					VTD-13	video
11/8	10:45	15	Inferred	39.726390	-121.638782	TD	quick stop to pick up mother-in-law					×			TD-073	TD
11/8	10:45	27	Inferred	39.775718	-121.608754	video	following 3 LEO vehicles (including Oroville PD), splitting lanes on Skyway following wife's car			×					VTD-13	video
11/8	10:45	27	Inferred	39.746034	-121.641740	video	left side skyway, heavy vegetation fire; traffic is slow/stopped, two lanes SB on SB lanes, just south of Feather River Health			×					VTD-13	video
11/8	10:45	38	Inferred	39.753811	-121.628710	AVL	"made reasonably good time" down Pearson Rd to Skyway and beginning of Neal Rd			×					TD-300	TD
11/8	10:45	38	Inferred	39.746148	-121.638114	TD	traffic diverted onto Neal Rd because east side of Skyway was burning, 60 ft [18 m] tall pine trees	×		×					TD-300	TD
11/8	10:46	0	Inferred	39.728179	-121.612874	TD	drove down Clark Rd toward Round Valley Ranch Rd; USFS engine says Clark Rd SB is passable with a single lane in the center and no stopping			×					TD-065	TD
11/8	10:46	0	PPD-02				13: inquiring again to check with CAL FIRE if Clark Rd SB south of town is still impacted with fire, need to send more people down Clark Rd instead of Skyway	×							PPD-02	Radio
11/8	10:46	0	PPD-02	39.728219	-121.612847	Radio	24: "There is fire on both sides of the roadway, but we are safe to have one lane as long as they stay on the west side of the road and they gotta keep moving" near Round Valley Ranch Rd. — "Divert both directions; Buschmann [Rd] and SB Clark [Rd]" to go SB on Clark Rd out of town.			×					PPD-02	Radio
11/8	10:46	0	Inferred	39.777709	-121.595164	video	dozen scattered POV WB on Wagstaff Rd			×					VTD-26	video
11/8	10:46	1	PPD-02	39.801397	-121.579132	video	CHP NB Skyway at Pentz Rd; turns around SB at fire?	×							PPD-02	video
11/8	10:46	28	PPD video, Radio Log	39.747809	-121.607716	TD	re-opened single lane Clark Rd SB for about 45 minutes			×					TD-065	TD
11/8	10:46	100	Inferred	39.749339	-121.613057	TD	civilians rescued from Recreation Center						×		TD-065	TD
11/8	10:46	100	Inferred	39.748793	-121.618122	TD	elderly civilians rescued from home						×		TD-065	TD
11/8	10:46	100	Inferred	39.752188	-121.615817	TD	pick up civilian on foot on Pearson Rd						×		TD-065	TD
11/8	10:47	0	Radio Log	39.770490	-121.628246	Radio Log	"Call of 5 disabled people unable to evacuate."					×	×		TD-030	Radio Log
11/8	10:47	12	AVL	39.748638	-121.582073	AVL	checking on half dozen unburned vehicles on Pearson Rd; 3 civilians rescued with 2 dogs and cat, on Pearson Rd; FF takes a civilian pickup truck and drives them to FS 82						×		TD-124	TD
11/8	10:48	0	PPD-02	39.753781	-121.624022	Radio	A2: "There is a wheelchair van here [PPD] if you have someone that needs transport, otherwise I will load up civilians at PPD to get them out of here."					×			PPD-02	Radio
11/8	10:48	0	PPD-02	39.753962	-121.633872	Radio	31: "Be advised, fire has jumped Honey Run [Rd, west of Barbara Way]. I'm currently out here evacuating Honey Run [Rd]. People are trying to get out."				×	×			PPD-02	Radio
11/8	10:48	0	Inferred	39.770455	-121.597746	video	Clark Rd SB is flowing, NB lanes open at Bille Rd			×					VTD-26	video

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11/8	10:49	0	PPD-02	39.770388	-121.607742	Radio	503 wheelchair transport [see 10:29 entry, transport from Merrill Rd] still stuck on Bille Rd; "We're still on Bille Rd. It will be a while."			×					PPD-02	Radio
11/8	10:49	0	PPD-02	39.753781	-121.624022	Radio	S13A2: "For info-dispatch is fully evacuated."					×			PPD-02	Radio
11/8	10:49	0	Inferred	39.767595	-121.600458	video	hit SB back up 6283 Clark Rd, 2 lanes SB			×					VTD-26	video
11/8	10:50	0	PPD-02	39.759497	-121.606627	Radio	A1: "Fire is right behind Safeway. Trying to get WB traffic moving off of Elliott [Rd] so we can clear them out of here." — 26: "Copy, will continue WB off of Elliott [Rd]."			×					PPD-02	Radio
11/8	10:51	0	video	39.708285	-121.611504	video	traffic backed up to here from Butte College on Clark Rd SB (one lane only SB) [7.5 km (4.6 mi)]; visibility normal, smoky sky but still light			×					TD-130	video
11/8	10:51	0	AVL	39.647951	-121.649759	AVL	Clark Rd near airport; lots of traffic, two lanes SB			×					TD-210	TD
11/8	10:51	0	PPD-02	39.728219	-121.612847	Radio	24: "To be clear; one lane SB on Clark Rd. There is fire both sides, but is good enough to get through. There is fire personnel on the roadway right now."			×					PPD-02	Radio
11/8	10:51	0	Photo	39.707382	-121.610592	Photo	traffic is one lane SB			×					TD-130	Photo
11/8	10:51	0	Photo	39.708412	-121.611576	Photo	traffic is one lane SB backed up here to Butte College [7.4 km (4.6 mi) to Durham-Pentz Rd]; no vehicles visible NB			×					TD-130	Photo
11/8	10:51	0	Photo	39.714639	-121.611472	Photo	5 vehicles at Airport Rd			×					TD-130	Photo
11/8	10:51	5	AVL	39.767450	-121.512537	AVL	fire on both sides of Concow Rd, thick brush along road	×							TD-062	TD
11/8	10:52	0	AVL	39.750807	-121.576820	AVL	abandoned cars		×						TD-015	TD
11/8	10:52	0	Radio Log	39.647315	-121.634482	Radio Log	LE is going to block Clark Rd south of Durham-Pentz [Rd], going to open it up to two lanes because of gridlock, can't get any vehicles through without doing that			×					VTD-32	Radio Log
11/8	10:52	0	Photo	39.716537	-121.611486	Photo	group of 8 vehicles SB			×					TD-130	Photo
11/8	10:52	0	Photo	39.722339	-121.612199	Photo	stream of 18 vehicles SB at Meadow Song Dr			×					TD-130	Photo
11/8	10:52	0	Photo	39.745979	-121.572343	Photo	no vehicles visible			×					TD-090	Photo
11/8	10:52	0	Photo	39.586330	-121.619274	Photo	light steady traffic WB on CA-70			×					TD-208	Photo
11/8	10:52	10	AVL	39.787783	-121.580200	AVL	Paradise Ridge Baptist Church; spot fires, structure defense, shelter in place refuge TRA						×		TD-079	TD
11/8	10:53	0	AVL	39.766842	-121.511861	TD	nobody is using the pre-planned fire safety zone [at this time]						×		TD-062	TD
11/8	10:53	0	PPD-02	39.753781	-121.624022	Radio	A1A2: "PD is completely evacuated except a group of kids, unified school district employee verifies all schools have been evacuated. I have a BCSO van here that's going to assist in transporting these people out."					×			PPD-02	Radio
11/8	10:53	0	Radio Log	39.768249	-121.613388	Radio Log	LE73: 20 residents at 7419 Skyway					×	×		VTD-32	Radio Log
11/8	10:53	0	Photo	39.728147	-121.613031	Photo	one vehicle leaving Round Valley Ranch Rd			×					TD-130	Photo
11/8	10:53	4	AVL	39.748583	-121.593700	AVL	drop off civilians at FS 82					×	×		TD-123	TD
11/8	10:53	5	AVL	39.770464	-121.628427	AVL	in area around 610 Bille Rd; medical, difficulty breathing					×	×		TD-030	TD
11/8	10:53	57	AVL	39.770756	-121.579492	AVL	head to Paradise Ridge Baptist Church, pick up 8 civilians from cars along the way (Pentz Rd)					×	×		TD-084	TD
11/8	10:54	0	video	39.733545	-121.612594	video	pass other fire resources on way up (USFS/Hotshots); line of 20+ civilian POV waiting to pass SB; bottleneck	×		×					TD-130	video
11/8	10:54	0	PPD-02	39.770388	-121.607742	Radio	503,A2: "ETA?" — 503: "Moved about 10 ft [3 m] in last half hour [on Bille Rd]."			×					PPD-02	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:54	0	PPD-02	39.753791	-121.624081	Radio	A2: "10-4, I'm going to move the people I have here, and we're going to have to get them to a safe place; all units, is there anyone else that has an evacuee that they are transporting to the station right now?"					×			PPD-02	Radio
11/8	10:54	0	Inferred	39.764161	-121.603518	video	power line down across Clark Rd, traffic driving over it; traffic slow SB but not contraflow, only 2 lanes SB; NB lanes open			×					VTD-26	video
11/8	10:54	0	Photo	39.733169	-121.612596	Photo	20 vehicles SB backed up to pass USFS vehicles partially blocking SB lane			×					TD-130	Photo
11/8	10:55	0	AVL	39.715350	-121.801217	TD	can see Skyway is backed up			×					TD-128	TD
11/8	10:55	0	PPD video	39.759432	-121.606144	Imagery	stalled vehicle; pushed it off roadway, it eventually burned	×							TD-074	TD
11/8	10:55	0	PPD-02	39.759490	-121.606643	Radio	A2A1: "Female at Clark [Rd] and Elliott [Rd] with broken down vehicle."					×			PPD-02	Radio
11/8	10:55	0	Inferred	39.763335	-121.604074	video	Clark Rd 4 lanes SB south of Lovely Ln			×					VTD-26	video
11/8	10:55	0	Photo	39.709328	-121.795067	Photo	appears moderate traffic, moving, both directions on CA-99			×					TD-205	Photo
11/8	10:56	0	PPD-02	39.759490	-121.606643	Radio	A1,26: "Be advised the majority of Elliott [Rd] is clear, going to continue SB Skyway" — "Copy, locked up here at Elliott [Rd] and Clark [Rd], trying to get more over that way [to Skyway]."			×					PPD-02	Radio
11/8	10:56	0	PPD-02	39.759486	-121.623911	Radio	A1,26: "Be advised the majority of Elliott [Rd] is clear, going to continue SB Skyway" — "Copy, locked up here at Elliott [Rd] and Clark [Rd], trying to get more over that way [to Skyway]."			×					PPD-02	Radio
11/8	10:56	0	Photo	39.750132	-121.575754	Photo	no traffic; abandoned and burned vehicles at Hilbe Dr AV009	×	×						TD-037	Photo
11/8	10:56	7	AVL	39.672715	-121.753089	AVL	CA-99 SB from Skyway to Durham- Pentz Rd is packed; driving on dirt median to get by			×					TD-200	TD
11/8	10:56	32	AVL	39.759968	-121.571728	TD	homes on Del Rio Way already burned down; No people around								TD-005	TD
11/8	10:57	0	AVL	39.748617	-121.587000	AVL	Pearson Rd at Travis Rd; turn around, something blocking Pearson Rd [burning vehicle and trailer]	×							TD-015	TD
11/8	10:57	0	AVL	39.751850	-121.607650	AVL	one lane coming from east on Pearson Rd, turning SB on Clark Rd; 3 lanes SB Clark Rd being directed WB Pearson Rd; traffic lights on red flash			×					TD-130	TD
11/8	10:57	0	Photo	39.759505	-121.620296	Photo	5 lanes Skyway SB; WB lane Elliott Rd backed up to at least Queen Dr, some traffic heading WB in EB lanes; smoky, but still light out, gray/yellow smoke			×					TD-076	Photo
11/8	10:57	0	Radio Log	39.769904	-121.611786	TD	[TD-127] asks on radio to establish TRA; force entry to Walgreens; put about 100 civilians inside Walgreens; did not engage with fire						×		TD-055	TD
11/8	10:57	0	Radio Log	39.770194	-121.612107	Radio Log	CHI-E15 at Skyway and Bille Rd; working to set up Walgreens TRA						×		TD-127	Radio Log
11/8	10:57	0	PPD-02	39.727458	-121.655529	Radio	12,91: A2: "There is no Paradise [dispatch], go ahead for A2." — 91: "I'm at Wayland [Rd] and Neal [Rd] directing traffic, flames coming up Red Sky [Ln]; pretty gridlocked in this section."			×					PPD-02	Radio
11/8	10:57	0	Photo	39.759403	-121.623829	Photo	4 lanes SB jammed; evacuation route signage and arrow posted			×					TD-076	Photo
11/8	10:57	0	Photo	39.759436	-121.623828	Photo	4 lanes SB jammed well past Elliott Rd			×					TD-076	Photo
11/8	10:57	0	Photo	39.759436	-121.623828	Photo	4 lanes SB jammed well past Elliott Rd			×					TD-076	Photo
11/8	10:57	0	Photo	39.759436	-121.623828	Photo	Elliott Rd 1 lane WB into Skyway; backed up as far as can see up the hill; a few vehicles WB in EB lane; one lane turning into SB skyway			×					TD-076	Photo
11/8	10:57	0	Photo	39.759436	-121.623828	Photo	Elliott Rd 1 lane WB into Skyway; backed up as far as can see up the hill; a few vehicles WB in EB lane			×					TD-076	Photo
11/8	10:57	6	AVL	39.751850	-121.607650	AVL	arrival at Clark Rd and Pearson Rd; LE present								TD-130	TD
11/8	10:57	6	AVL	39.752257	-121.607839	AVL	traffic control at Clark Rd and Pearson Rd; Sheriff Honea is here			×					TD-210	TD
11/8	10:58	0	AVL	39.781833	-121.588397	AVL	multiple downed power lines on Clark Rd	×							TD-009	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	10:58	0	AVL	39.647295	-121.634502	AVL	gridlock traffic in all directions; PD trying to keep order; traffic backed up on Clark Rd SB to airport			×					TD-208	TD
11/8	10:58	0	AVL	39.744193	-121.607657	AVL	2 lanes of traffic coming out of town; can see smoke but no fire			×					TD-211	TD
11/8	10:58	0	Inferred	39.748643	-121.582897	TD	power lines sagging; dodge around them; no civilians	×		×					TD-037	TD
11/8	10:58	0	PPD-02	39.727080	-121.655819	Radio	91: "Need a medic just below Wayland [Rd] on Neal [Rd], woman needs O2." — A2: "Don't think that's going to be an option right now, no medics available."					×	×		PPD-02	Radio
11/8	10:58	0	Radio Log	39.619918	-121.629509	Radio Log	Clark Rd between Durham-Pentz Rd and CA-70, is both lanes heading south; unit heading to CA-70 at Clark Rd for no NB traffic. NB from Durham-Pentz Rd is still open.			×					VTD-32	Radio Log
11/8	10:58	0	Photo	39.751728	-121.607716	Photo	Clark Rd 2+ lanes SB backed up as far as can see, being directed onto Pearson Rd WB; Pearson Rd WB 2 lanes, slow steady stream merged and directed 1 lane Clark Rd SB AV011, AV145, AV146			×					TD-130	Photo
11/8	10:59	0	video	39.748616	-121.587640	AVL	"We got 1 FF in civilian vehicle, civilian and animals, following 2103. We're continuing through Pearson [Rd] so we can take them back to the hospital." — "I copy. Have a long line of evacuees that are currently pushing out currently over by Station 82, where the road is open, and clear, so if you're not that far that might be better to push them through." — "Yeah, copy. We're still on Pearson Rd." [video TD-130]			×		×	×		TD-124	video
11/8	10:59	0	video	39.749326	-121.593707	AVL	"We got 1 FF in civilian vehicle, civilian and animals, following 2103. We're continuing through Pearson [Rd] so we can take them back to the hospital." — "I copy. Have a long line of evacuees that are currently pushing out currently over by Station 82, where the road is open, and clear, so if you're not that far that might be better to push them through." — "Yeah, copy. We're still on Pearson Rd." [video TD-130]			×		×			TD-124	video
11/8	10:59	0	Photo	39.752263	-121.607782	Photo	59 vehicles in 4 minutes from Pearson Rd to Clark Rd SB; 52 vehicles from Clark Rd to Pearson Rd WB, typically 3 lanes to 3 lanes; 12+ people directing traffic in area around intersection AV010, AV035, AV036, AV037			×					TD-130	Photo
11/8	10:59	4	AVL	39.783878	-121.590787	TD	Apple Tree Village Mobile Home Park actively burning, no civilians								TD-009	TD
11/8	11:00	0	AVL	39.763000	-121.522667	AVL	saw more people parked next to the lake								TD-062	TD
11/8	11:00	0	Inferred	39.753798	-121.624039	TD	drop off dispatcher and kids at PPD					×			TD-070	TD
11/8	11:00	0	TD	39.769425	-121.582995	TD	Bille Rd is blocked by burning vehicles	×							TD-021	TD
11/8	11:00	0	Inferred	39.769922	-121.611809	TD	E2166 and E15 force entry to Walgreens							×	TD-127	TD
11/8	11:00	0	PPD-02	39.777853	-121.590502	Radio	253: "Been advised by CAL FIRE Skyway and Clark Rd ... sitting at Clark Rd and Wagstaff Rd trying to keep NB traffic from going north." — A1: "We have no one going north from Elliott [Rd]. Trying to get everyone south on all lanes."			×					PPD-02	Radio
11/8	11:00	0	Inferred	39.759523	-121.608329	video	WB on Elliott Rd, single lane, solid line of vehicles, stop and go			×					VTD-26	video
11/8	11:00	10	AVL	39.777688	-121.605926	AVL	rescue on Paragalia Way, bring to ambulance on Clark Rd at Bille Rd; driving off road to get around traffic			×					TD-017	TD
11/8	11:00	15	TD	39.755066	-121.573385	TD	cut power lines on Fickett Ln with bolt cutters	×							TD-016	TD
11/8	11:00	15	TD	39.755719	-121.572325	TD	power lines down on Pentz Rd, weave around	×							TD-016	TD
11/8	11:00	15	Inferred	39.728204	-121.612917	TD	fire all around, 50 ft [15 m] flames crossing Clark Rd; traffic all SB on Clark Rd; cannot see oncoming headlights further than 5 ft [1.5 m]	×		×					TD-100	TD
11/8	11:00	15	AVL	39.759565	-121.612414	TD	heavy traffic on Elliott Rd; eastbound lane is open; all traffic heading WB			×					TD-058	TD
11/8	11:00	30	Inferred	39.759502	-121.606635	TD	suddenly a group of pickup trucks and ambulances; transfer elderly people into ambulances					×	×		TD-035	TD

Date (M/D)	Time	Obs. Window		Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
		(min)	(min)														
11/8	11:00	30	Inferred		39.759502	-121.606635	TD	clusters of cars occasionally passing SB on Clark Rd			×					TD-035	TD
11/8	11:00	30	Inferred		39.727469	-121.655528	TD	animal control directing traffic; Wayland Rd and Neal Rd			×					TD-078	TD
11/8	11:00	30	Inferred		39.731537	-121.636179	TD	passenger family had evacuated; take passenger					×			TD-053	TD
11/8	11:00	30	Inferred		39.728220	-121.656609	TD	fire on NW side of Neal Rd; heavy traffic but moving			×					TD-053	TD
11/8	11:00	45	VTD-32, PPD-08		39.784262	-121.583606	TD	elderly evacuated from Cypress Acres and put inside building at Optimo TRA					×	×	×	TD-067	TD
11/8	11:00	60	Inferred		39.759521	-121.614794	TD	open lane on Elliott Rd; drive to Skyway			×					TD-068	TD
11/8	11:00	60	Inferred		39.751584	-121.630862	TD	drive on shoulder Skyway SB to Neal Rd; bumper to bumper SB, completely full			×					TD-068	TD
11/8	11:00	60	Inferred		39.739722	-121.645687	TD	SB Neal Rd; driving through lawns to get through traffic			×					TD-068	TD
11/8	11:00	60	Inferred		39.727467	-121.655536	TD	animal control directing traffic at Wayland Rd and Neal Rd			×					TD-068	TD
11/8	11:00	60	Inferred		39.744141	-121.654668	TD	hear of tree down at Skyway and Russell Rd	×							TD-068	TD
11/8	11:00	60	Inferred		39.724739	-121.657460	TD	SB Neal Rd 15 mi/h to 20 mi/h [24 km/h to 32 km/h]			×					TD-068	TD
11/8	11:00	60	Inferred		39.665742	-121.744039	TD	CA-99 SB is clear			×					TD-068	TD
11/8	11:00	60	Inferred		39.678918	-121.721765	TD	Neal Rd bumper to bumper down to CA-99			×					TD-078	TD
11/8	11:00	60	Inferred		39.665823	-121.743778	TD	CA-99 NB to Chico just before CHP shut it down			×					TD-078	TD
11/8	11:00	60	TD		39.770360	-121.612362	TD	traffic totally stopped, lots of civilians walking around outside of vehicles; initially didn't want to go inside; ground visibility good; midnight darkness			×				×	TD-055	TD
11/8	11:00	60	TD		39.770362	-121.616972	TD	CAL FIRE on Bille Rd has vehicles burning, sending people to Walgreens	×			×		×		TD-055	TD
11/8	11:00	90	Inferred		39.726113	-121.648169	TD	traffic on Wayland Rd is slow; very smoky, very dark; can hear explosions; chunks falling but not glowing			×					TD-073	TD
11/8	11:00	90	Inferred		39.726113	-121.648169	TD	cars single file on Wayland Rd			×					TD-073	TD
11/8	11:00	180	TD		39.665807	-121.743601	TD	three hours from bus lot to CA-99 on Neal Rd			×					TD-053	TD
11/8	11:01	0	AVL		39.665783	-121.744017	TD	can see Neal Rd is backed up			×					TD-128	TD
11/8	11:01	0	video		39.770380	-121.612321	video	Walgreens; Bille Rd and Skyway is jammed			×					TD-127	TD
11/8	11:01	0	Photo		39.770539	-121.611746	Photo	Bille Rd 3 lanes WB into Skyway jammed, backed up stopped as far as can see east of intersection			×					TD-127	Photo
11/8	11:02	51	TD-124, TD-112		39.748805	-121.593765	TD	Station 82; 9 civilian vehicles, 9231C are here							×	TD-020	TD
11/8	11:03	0	AVL		39.797929	-121.585164	AVL	FF at Clark Rd and Skyway with civilians (300 to 400 civilians by noon) [Note: NIST estimate from video and images ~200 civilians]							×	TD-061	TD
11/8	11:03	0	AVL		39.752320	-121.606637	AVL	driving EB on Pearson Rd, driving on shoulder, on siren but not the PA			×					TD-130	TD
11/8	11:03	0	video		39.752229	-121.601889	video	Traffic on Pearson Rd east of Clark Rd is chaos near the intersection; one lane at turn, from two lanes between Ace parking lot and Glen Park Ln; past Glen Park Ln to Paradise Ave (one lane only) (0.6 miles [1 km]); visibility okay, but dark as night			×					TD-130	video
11/8	11:03	0	Inferred		39.797417	-121.585425	TD	gridlock at Skyway and Clark Rd			×					TD-041	TD
11/8	11:03	0	PPD-02		39.757515	-121.571500	Radio	S14: "FYI information that Feather River [Hospital] can open ER in limited capacity for emergency patients only."						×		PPD-02	Radio
11/8	11:03	0	Photo		39.752263	-121.607782	Photo	Clark Rd 3 lanes SB jammed as far as can see (300 m line of sight limit)			×					TD-130	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:03	3	AVL	39.780343	-121.609252	AVL	Civilian rescue, elderly couple, one requires walker. Paragalia Way. Returned them to ambulance at Bille Rd and Clark Rd						×		TD-017	TD
11/8	11:04	0	Radio Log	39.714910	-121.795305	Radio Log	directing traffic trying to get it going as quick as we can at Notre Dame Blvd and Skyway			×					VTD-32	Radio Log
11/8	11:04	0	Radio Log	39.753814	-121.628660	Radio Log	LE65: traffic at Skyway and Pearson Rd has got to get moving			×					VTD-32	Radio Log
11/8	11:04	6	AVL	39.770435	-121.612785	AVL	Meet with [TD-127]; deciding Walgreens is good TRA							×	TD-030	TD
11/8	11:05	0	Radio Log	39.800437	-121.580878	Radio Log	trailer blocking Skyway/Pentz Rd, gridlock traffic	×	×	×					TD-014	Radio Log
11/8	11:05	0	Photo	39.752406	-121.604463	Photo	one lane traffic WB Pearson Rd backed up past Glen Cir; black as night; visibility okay			×					TD-210	Photo
11/8	11:05	0	Inferred	39.812757	-121.578433	TD	LE and older volunteer at Coutolenc Rd and Skyway blocking SB traffic			×					TD-041	TD
11/8	11:05	0	Inferred	39.814535	-121.579615	TD	NB traffic on Skyway is bumper to bumper; no SB traffic			×					TD-041	TD
11/8	11:05	0	Photo	39.752273	-121.597170	Photo	120 vehicles backed up from Clark Rd to Paradise Ave [3000 ft (915 m)]; 2 lanes WB Pearson to Glen Cir; 1 lane WB Glen Cir to Paradise Ave (70 vehicles, 4 with trailers; 2100 ft [638 m] = 9 m per vehicle on average)			×					TD-130	Photo
11/8	11:05	0	Photo	39.752403	-121.604308	Photo	Pearson WB lane backed up; EB lane clear			×					TD-210	Photo
11/8	11:06	0	Photo	39.759658	-121.623751	Photo	Skyway at least 3 lanes SB, 4th lane merging into 3rd?			×					TD-076	Photo
11/8	11:07	0	AVL	39.776461	-121.590449	AVL	Kmart is [thought to be] almost full [driving by]							×	TD-009	TD
11/8	11:07	0	Inferred	39.814293	-121.591810	TD	people trying to get fuel are backed up into Skyway blocking traffic; power is out			×					TD-041	TD
11/8	11:07	0	Photo	39.748939	-121.593748	Photo	single vehicle EB Pearson Rd; 6 vehicles appear to be getting instruction from FF at Station 82			×	×				TD-130	Photo
11/8	11:07	0	Photo	39.748561	-121.593747	Photo	31C: "Skyway is still our exit point for any residents coming out of this area. Keep pushing out toward Skyway. That's the only way out." — "Okay, I have 5 vehicles coming your way, we're just clearing streets back here." — "I've got 5 too, just arrived as well."				×				TD-130	Photo
11/8	11:07	1	AVL	39.777735	-121.590564	AVL	heavy but flowing traffic WB Wagstaff Rd between Clark Rd and Pentz Rd, not much traffic SB on Clark			×					TD-009	TD
11/8	11:08	0	Radio Log	39.770076	-121.612114	Radio Log	DIV H: "Beginning to set up Walgreens TRA with E2166, OES8332, CHI-E15."							×	TD-022	Radio Log
11/8	11:08	0	PPD-02	39.755369	-121.630079	Radio	21: "We've been evacuating houses here [Honey Run Rd] north of the fire."				×	×			PPD-02	Radio
11/8	11:08	3	AVL	39.749204	-121.593814	AVL	Station 82; biggest concern is evacuations					×			TD-210	TD
11/8	11:08	4	PPD-02	39.800519	-121.580650	video	vehicles stopped on Skyway SB, north of Pentz Rd shuffle down closer to Pentz Rd intersection. One vehicle is abandoned			×					PPD-02	video
11/8	11:08	83	AVL	39.739484	-121.610608	AVL	power lines down	×							TD-211	TD
11/8	11:09	0	Radio Log	39.770047	-121.611936	Radio Log	setting up TRA at Walgreens with E2166, OES8332, CHI-E15, and 9220C enroute							×	TD-127	Radio Log
11/8	11:09	0	Photo				FF[1]: "Should I make this two lanes or just keep it single traffic?" — FF[2]: "we can make it two lanes but now they're telling civilians to come back up towards the Ace [...]". The other engine was telling them to come back into the town of Paradise"			×	×				TD-130	Photo
11/8	11:09	11	Inferred	39.749666	-121.594432	TD	advise four civilian residents at Enchanted Forest Mobile Home Park to leave			×					TD-037	TD
11/8	11:09	11	Inferred	39.749148	-121.593820	TD	all other civilians in area around Station 82 are evacuated (except 4 civilians in mobile home park)					×			TD-037	TD
11/8	11:09	11	Inferred	39.752268	-121.607731	TD	Clark Rd is solid traffic SB, no contraflow; one lane Clark Rd is turning into single lane Pearson Rd WB; LE stopping NB traffic on Clark Rd for ID verification			×					TD-037	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:09	11	Inferred	39.761122	-121.605646	TD	Clark SB is backed up all the way from Pearson Rd to Safeway [Elliott Rd]; no contraflow			×					TD-037	TD
11/8	11:09	46	AVL	39.779590	-121.579578	AVL	trees and power lines down	×							TD-009	TD
11/8	11:10	0	AVL	39.770435	-121.612785	AVL	fire progressing south/southwest. Billie Rd, Oliver Dr, all side streets gridlocked. One BCSO trying to direct traffic at Bille Rd/Skyway			×					TD-030	TD
11/8	11:10	130	AVL	39.770438	-121.621760	AVL	on PA telling people to flee to Walgreens on foot. Getting civilians to help each other along Bille Rd					×	×	×	TD-030	TD
11/8	11:10	130	AVL	39.770438	-121.621760	AVL	one lane Oliver Dr completely blocked with abandoned cars; civilians still driving out and refusing to evacuate	×	×	×					TD-030	TD
11/8	11:10	130	AVL	39.769578	-121.626656	AVL	Fire burning north of Bille Rd; south end of Oliver Dr not totally burned yet; civilians slow to evacuate				×	×			TD-030	TD
11/8	11:10	130	AVL	39.770377	-121.616499	AVL	Fire both sides Bille Rd; civilians still evacuating — caretakers pushing wheelchairs toward Skyway				×	×	×		TD-030	TD
11/8	11:11	0	PPD-02	39.758759	-121.606777	Radio	26: broken down vehicle in the #2 NB lane, need to try and get it pushed up onto the sidewalk	×		×					PPD-02	Radio
11/8	11:11	0	Radio Log	39.679431	-121.627122	Radio Log	Clark Rd SB both lanes at Rattlesnake Rd			×					VTD-32	Radio Log
11/8	11:11	22	AVL	39.784373	-121.578907	AVL	two civilian POV arrive at parking lot; instruct them to stay here as long as possible because Kmart is [thought to be] almost full.							×	TD-009	TD
11/8	11:12	0	video	39.749694	-121.593762	video	residents at mobile home park trying to clean up needle cast and litter; spraying with garden hose; variable visibility 20 ft to 200 ft [6 m to 60 m]. Dark.								TD-130	video
11/8	11:12	0	video	39.736402	-121.612846	AVL	E1489 turning around civilians on Clark Rd at American Way [via AVL] to go back north toward Paradise; [fire blocking Clark Rd]	×		×					TD-130	video
11/8	11:12	0	video	39.736402	-121.612846	AVL	turning around civilians on Clark Rd at American Way [via TD-130 video] to go back north toward Paradise; [fire blocking Clark Rd]	×		×		×			TD-211	video TD-130
11/8	11:12	0	PPD-02				33: “what’s your 20 [location]?” — 22: “Pearson [Rd and] Skyway.” — 33: “hardware, lot of cars coming, divert cars from this end” — 22: [unintelligible] — 24: “enroute to location of 22, will relay.”			×					PPD-02	Radio
11/8	11:12	0	video	39.746378	-121.644063	video	passing bus stop; south side Skyway heavy fire; traffic moving quickly down SB lanes; unclear if all traffic heading this way			×					VTD-13	video
11/8	11:12	0	video	39.746587	-121.645828	video	cross back to SB lanes at downed power pole	×							VTD-13	video
11/8	11:12	2	AVL	39.749683	-121.594428	AVL	Enchanted Forest Mobile Home Estates; tell civilians to leave; civilians refuse to leave; cannot see fire yet				×				TD-210	TD
11/8	11:12	3	AVL	39.766548	-121.576255	AVL	advise paramedics to return to hospital parking lot							×	TD-015	TD
11/8	11:12	15	TD-130	39.748604	-121.607741	TD	traffic returns from south of town due to fire; send traffic WB on Buschmann Rd; stop Clark Rd SB traffic from going past Pearson Rd	×		×					TD-034	TD
11/8	11:12	15	TD-130	39.733372	-121.612600	TD	fire burned over Clark Rd and SB cars on Clark Rd are being turned around back to town	×		×					TD-034	TD
11/8	11:12	20	TD	39.775998	-121.590578	video	southern half of Paradise Plaza still sparse civilian presence; visibility poor <200 feet [60 m], heavy smoke,							×	VTD-18	Photo
11/8	11:13	0	Inferred	39.752269	-121.607692	video	estimate time that backup on Pearson Rd (120 vehicles) takes to clear the intersection at Clark Rd (at 4 seconds per car, as calculated from first 3.5 minutes of video)			×					TD-130	Inferred
11/8	11:13	0	AVL	39.720883	-121.611550	AVL	turn around due to heavy fire impacting and blocking roadway on Clark Rd	×							TD-208	TD
11/8	11:13	0	PPD-02	39.759501	-121.606632	video	A1: “22 I copy your traffic, we are diverting SB at Elliott [Rd and Clark Rd]”			×					PPD-02	Radio
11/8	11:13	0	Photo	39.736400	-121.612800	Photo	40C, 1489: “We’re taking [unintelligible] and turning everyone around and sending them back up to Paradise to Ace Hardware. I stopped the traffic where I turned around so we’re pretty good. You can also tell them to come towards Buschmann Rd. Buschmann Rd is also an exit out.”			×		×	×		TD-130	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	RD Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:14	0	Radio Log	39.799446	-121.583566	Radio Log	hundreds of people in their vehicles at Pentz Rd and Skyway and Clark Rd and Skyway; a lot of fire burning towards Pentz Rd and Skyway			×				×	TD-061	Radio Log
11/8	11:14	0	Radio Log	39.717900	-121.611316	Radio Log	Clark Rd is no longer a safe evacuation route; heavily impacted by fire near the airport	×		×					TD-110	Radio Log
11/8	11:14	0	PPD-02	39.800519	-121.580650	video	silver Ford Focus NB Skyway, turns around comes back	×							PPD-02	video
11/8	11:14	40	Inferred	39.728204	-121.612917	TD	shut down Clark Rd; impassable with zero visibility and flames; last vehicle through is a trailer, driving through flames	×		×					TD-100	TD
11/8	11:14	40	Inferred	39.739463	-121.610688	TD	drive toward Ace, no more vehicles can go SB on Clark Rd	×		×					TD-100	TD
11/8	11:14	40	Inferred	39.739463	-121.610688	TD	flames blowing across Clark Rd; stuck with 50 civilian vehicles between Round Valley Ranch Rd and Lanser Dr at American Way			×					TD-100	TD
11/8	11:14	40	Inferred	39.736728	-121.612870	TD	open up Clark Rd NB back into Paradise; send vehicles back north to parking lot at Ace to get off road			×		×	×		TD-100	TD
11/8	11:14	72	Inferred	39.753839	-121.628663	TD	pick up couple and take to Pearson Rd and Skyway						×		TD-065	TD
11/8	11:14	72	Inferred	39.753839	-121.628663	TD	take all rescues to Pearson Rd and Skyway						×		TD-065	TD
11/8	11:15	0	AVL	39.759515	-121.623862	AVL	3 lanes SB on Skyway at Elliott Rd			×					TD-058	TD
11/8	11:15	0	TD	39.714826	-121.800755	TD	CA-99 near Skyway is standstill; CA-99 NB is moving			×					TD-004	TD
11/8	11:15	0	PPD-02	39.764746	-121.572524	Radio	29: "6028 Dubarry Ln near Conifer [Dr] on Pentz [Rd], might be a disabled person in that home, can't get ahold of them."						×		PPD-02	Radio
11/8	11:15	0	PPD-02	39.800964	-121.579610	video	single vehicle remains abandoned in SB travel lane of Skyway	×							PPD-02	video
11/8	11:15	0	Photo	39.797617	-121.585356	Photo	"okay Joe, so we have 150 people here. Skyway and Clark [Rd] [unreadable]"							×	TD-130	Photo
11/8	11:15	5	video	39.653266	-121.728460	video	CA-99 NB traffic completely stopped; drove up shoulder			×					TD-091	TD
11/8	11:15	11	AVL	39.714651	-121.611433	AVL	stop and wait on Clark Rd at airport for fire to die down to continue north; no traffic north of here			×					TD-208	TD
11/8	11:15	55	Inferred	39.722988	-121.619710	TD	scouting and on PA for evacuation; no civilians; finger of fire burning through Round Valley Ranch Rd				×				TD-110	TD
11/8	11:15	125	Inferred	39.746014	-121.641108	video	4 lanes Skyway SB at medical center; dark, light by flames			×					VTD-26	video
11/8	11:15	125	Inferred	39.746648	-121.644886	video	power pole down blocking both SB lanes of Skyway	×		×					VTD-26	video
11/8	11:15	125	Inferred	39.746589	-121.645756	video	power pole down blocking both SB lanes of Skyway	×		×					VTD-26	video
11/8	11:15	125	Inferred	39.745996	-121.647035	video	traffic flowing down NB lanes of Skyway	×		×					VTD-26	video
11/8	11:15	125	Inferred	39.745380	-121.648033	video	vegetation south of split is past peak; most structures fully involved; traffic flowing			×					VTD-26	video
11/8	11:15	125	Inferred	39.741140	-121.664146	video	western extent of fire; traffic full speed SB in NB lanes			×					VTD-26	video
11/8	11:16	0	PPD video	39.758782	-121.606806	TD	directed to move vehicle out of #2 NB lane; traffic filtering SB on Clark Rd			×					TD-070	TD
11/8	11:16	0	PPD-02	39.764746	-121.572524	Radio	29,S14: "I might be able to get there [Dubarry Ln] from FRH"						×		PPD-02	Radio
11/8	11:16	0	Photo	39.653266	-121.728460	Photo	CA-99 NB 2 lanes stopped, full, emergency vehicles passing on shoulder; SB traffic moving free flow			×					TD-091	Photo
11/8	11:16	6	AVL	39.770043	-121.579220	AVL	fire all around; Eden Roc mobile home park had already burned; engine at hydrant had deck gun going, spraying on 50 vehicles			×			×	×	TD-015	TD
11/8	11:17	0	PPD-02	39.800339	-121.581375	video	traffic on Skyway is moving SB south of Pentz Rd; 200 ft [60 m] visibility, smoky haze; intersection is clear except for unloaded Pepsi trailer			×					PPD-02	video
11/8	11:17	0	PPD-02	39.800339	-121.581375	video	two lanes Skyway SB south of Pentz Rd, slow crawl			×					PPD-02	video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:17	0	Radio Log	39.784248	-121.583579	Radio Log	"...moving very very quickly towards us. We've got one fire engine with us and a lot of units we're going to just have to start loading in vehicles."— "10-4 any available units 1633 Cypress off of Clark" — [multiple units responding]					×			VTD-32	Radio Log
11/8	11:17	191	AVL	39.748567	-121.594117	AVL	a dozen cars with civilians show up; Pearson Rd is blocked near Angel Dr so cars turn around and come to station	×						×	TD-124	TD
11/8	11:17	191	AVL	39.752262	-121.596336	TD	advised road is blocked by civilians who had to turn around	×							TD-124	TD
11/8	11:18	0	Radio Log	39.753117	-121.556110	TD	Radio call for entrapment, Granite Ridge Rd						×		TD-008	Radio Log
11/8	11:18	0	AVL	39.753050	-121.551817	AVL	two men at house just before Granite Ridge Rd, wanted to save house (had his own WT); advised them not to stay; civilian asked for oxygen after fighting spot fire				×				TD-062	TD
11/8	11:18	0	PPD-02	39.796451	-121.584955	video	4 civilian vehicles on bike path trying to merge onto Clark Rd			×					PPD-02	video
11/8	11:18	0	PPD-02	39.796588	-121.585219	video	Clark Rd 2 lanes NB, stopped parking lot; 25+ vehicles on Clark Rd north of Cabernet Ln	×		×					PPD-02	video
11/8	11:18	0	Radio Log	39.725744	-121.618065	Radio Log	[medium confidence transcript] "791 Round Valley Ranch, we've got 18 people trapped [...] has a fire engine with them, engine 1473 is going to drive in. He's with me right now."					×	×		VTD-32	Radio Log
11/8	11:19	0	Radio Log	39.757823	-121.571318	TD	able to lead the patients to FRH, they will shelter here; take patients to FRH					×	×		TD-111	TD
11/8	11:19	0	PPD-02	39.764746	-121.572524	Radio	S14: "what's the number on Dubarry [Ln]? I'm on Dubarry [Ln] and checking"						×		PPD-02	Radio
11/8	11:19	1	PPD-02	39.797282	-121.585603	video	no fire at Clark Rd and Skyway, no traffic moving, holding traffic at intersection; traffic light is operating. Wind 10 mi/h to 15 mi/h [16 km/h to 24 km/h]			×					PPD-02	video
11/8	11:20	0	AVL	39.721550	-121.612017	AVL	turn around on Clark Rd near Meadowsong Dr; Clark Rd is impassable	×							TD-211	TD
11/8	11:20	0	PPD video	39.759491	-121.606635	TD	no traffic at intersection Clark Rd and Elliott Rd			×					TD-074	TD
11/8	11:20	0	PPD-02	39.797167	-121.585643	video	We're holding traffic. We had a BCSO escort. [PPD at Clark Rd and Skyway]	×		×					PPD-02	video
11/8	11:20	0	PPD-02	39.796719	-121.585918	video	chat with CHP, advises Skyway SB is impassable south of Clark Rd	×							PPD-02	video
11/8	11:20	0	Photo	39.714785	-121.611485	Photo	Clark Rd blocked by fire	×							TD-208	Photo
11/8	11:21	0	Radio Log	39.770435	-121.612785	AVL	prepping for fire to arrive at Bille Rd and Skyway; fire about to overrun							×	TD-030	Radio Log
11/8	11:21	0	Radio Log	39.770047	-121.611936	Radio Log	about to get overrun on Bille Rd and Skyway; planning to pull civilians from vehicles (approximately 1000 vehicles) and bring to Walgreens inside; ST 9220C, E2166, E15, E8332 [Note: exact estimate unverified]					×	×	×	TD-127	Radio Log
11/8	11:21	0	Radio Log	39.773694	-121.603062	Radio Log	9220C evacuating Oak Dr between Wagstaff Rd and Bille Rd; advised to prepare to shelter vehicles along Bille Rd				×	×			TD-127	Radio Log
11/8	11:21	0	PPD-02	39.770152	-121.579309	Radio	1229: "Bille Rd and Pentz Rd have cars sheltered here, trying to move them out of the roadway so fire can have access to the road."			×				×	PPD-02	Radio
11/8	11:21	0	PPD-08	39.759629	-121.606598	video	no traffic on Clark Rd at Elliott Rd; visibility 200 ft to 300 ft [60 m to 90 m]; smoky			×					PPD-08	video
11/8	11:21	0	PPD-08	39.770146	-121.579304	Radio	1229: "Bille Rd and Pentz Rd have cars sheltered here, trying to move them out of the roadway so fire can have access to road."			×				×	PPD-08	Radio
11/8	11:21	0	PPD-08	39.764988	-121.602940	video	traffic light at Clark Rd and Central Park Dr is operating			×					PPD-08	video
11/8	11:21	0	Radio Log	39.714683	-121.611473	Radio Log	Clark Rd and Paradise airport [...] flames, no one's going in or out	×		×					VTD-32	Radio Log
11/8	11:21	11	AVL	39.695927	-121.695331	AVL	Neal Rd between CA-99 and Goa Way; driving in front of DZ1449; traffic SB Neal Rd bumper to bumper			×					TD-092	TD
11/8	11:21	12	video	39.719283	-121.660369	video	Neal Rd; one lane SB bumper to bumper slow rolling/stop and go; traffic backed up all the way to Goa Way; no fire on Neal Rd			×					TD-091	TD
11/8	11:22	0	AVL	39.790683	-121.580683	AVL	Blue Spruce Mobile Estates; didn't see any people at mobile home park				×				TD-089	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:22	0	PPD video	39.758549	-121.572536	TD	back to Feather River Hospital; no traffic trouble on Pentz Rd			×					TD-069	TD
11/8	11:22	0	Photo	39.777647	-121.606271	TD	Skyway and Wagstaff Rd; now way more people, about 200, cars parked everywhere they could be			×			×		TD-042	TD
11/8	11:22	0	PPD-02	39.764746	-121.572524	Radio	S14: "For information I made it to Dubarry [Ln], looks like it's a complete loss, unable to locate any structures."					×			PPD-02	Radio
11/8	11:22	0	PPD-02	39.762662	-121.574501	Radio	S13: "Headed to hospital with my citizen, left my position on Pentz Rd."					×	×	×	PPD-02	Radio
11/8	11:22	0	PPD-08	39.757885	-121.571694	Radio	S13: "Headed to hospital with my citizen, left my position on Pentz Rd."					×	×	×	PPD-08	Radio
11/8	11:22	0	Photo	39.666690	-121.734467	Photo	Neal Rd 1 lane SB backed up from CA-99 as far as can see to Wayland Rd [pass 36 vehicles in 565 m = 15.6 m/veh.] [can see constant headlights for est. 2000 m further]			×					TD-091	Photo
11/8	11:22	8	AVL	39.752367	-121.553083	AVL	Granite Ridge Rd; civilians refusing to evacuate without [pets]; vehicle is stuck in power lines; argumentative civilian; two civilians get in engine, fire is coming hard now. Civilian in another truck follows the engine out.				×	×	×		TD-062	TD
11/8	11:22	52	Inferred	39.784854	-121.598380	TD	Skyway and Rocky Ln; traffic is jammed, BCSO advising people to get out of vehicles and walk; advise teens to lead convoy to Kmart parking lot			×		×	×		TD-042	TD
11/8	11:22	52	Inferred	39.777717	-121.598302	TD	assign CAL FIRE engine to Rocky Ln and Wagstaff Rd to protect civilians in convoy, about 70 cars						×	×	TD-042	TD
11/8	11:22	118	Inferred	39.758359	-121.570083	TD	help nurses take crash carts [medical equipment] to helicopter pad							×	TD-069	TD
11/8	11:22	118	Inferred	39.756564	-121.572311	TD	civilian vehicles arriving to hospital from south							×	TD-069	TD
11/8	11:22	118	Inferred	39.757672	-121.571121	TD	50 people roaming around outside							×	TD-069	TD
11/8	11:22	118	Inferred	39.757926	-121.571748	TD	several vehicles in parking lot; prisoner vans are being loaded with evacuees					×	×		TD-069	TD
11/8	11:22	118	Inferred	39.757926	-121.571748	TD	vans left hospital, but then came back	×				×	×		TD-069	TD
11/8	11:22	118	Inferred	39.757857	-121.572351	TD	deputy advises southbound is clear; load people up for evacuation					×			TD-069	TD
11/8	11:23	0	Inferred	39.737127	-121.648721	AVL	some people abandoning vehicles		×	×					TD-300	TD
11/8	11:23	0	PPD-08	39.755869	-121.607382	Radio	most traffic has made it south on Clark Rd south of Nunneley Rd				×				PPD-08	Radio
11/8	11:23	22	AVL	39.753228	-121.552348	TD	People trapped on Granite Ridge Rd, follow E2167 when they stopped responding on radio						×		TD-031	TD
11/8	11:23	50	AVL	39.737127	-121.648721	AVL	stuck on Neal Rd at Roe Rd			×					TD-300	AVL
11/8	11:23	50	AVL	39.737127	-121.648721	AVL	vehicles using NB lanes for SB traffic and gridlock ensued; did not move for 50 minutes			×					TD-300	TD
11/8	11:24	0	PPD-02	39.755819	-121.607471	Radio	most traffic has made it south of Nunneley Rd on Clark Rd			×					PPD-02	Radio
11/8	11:24	0	Photo	39.684501	-121.713377	Photo	Neal Rd 1 lane SB backed up down to CA-99 [pass 71 vehicles in 913 m = 12.8 m/veh] [backup continues uphill]			×					TD-091	Photo
11/8	11:25	0	PPD video	39.797375	-121.585549	TD	arrived at Clark Rd and Skyway intersection; 2 PPD and 1 BCSO at intersection holding traffic from going south on Skyway because of heavy fire to the south	×					×		TD-041	TD
11/8	11:25	0	PPD-08	39.770405	-121.604888	video	Bille Rd backed up two lanes WB (moved to the shoulders leaving passage down the yellow line) from Lind Ln; dark as night; visibility is smoky 200 ft [60 m]			×					PPD-08	video
11/8	11:26	0	AVL	39.654083	-121.729450	AVL	driving up right-hand shoulder of CA-99 because both directions are gridlocked			×					TD-128	TD
11/8	11:26	0	PPD-02	39.736300	-121.815309	Radio	PPD command is out of Chico fire training center				×	×			PPD-02	Radio
11/8	11:26	0	PPD-08	39.753795	-121.624063	Radio	PPD command is out of Chico fire training center				×	×			PPD-08	Radio
11/8	11:26	0	PPD-08	39.727459	-121.655531	Radio	63: "Neal [Rd] at Wayland [Rd], gridlock. Trying to get back to the CP with 2 buses."			×					PPD-08	Radio

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Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:26	9	AVL	39.748627	-121.599996	AVL	civilian trying to cut line around house; tell him to leave, but he refuses; other civilians are frantic, loading up personal belongings				×	×			TD-130	TD
11/8	11:27	0	PPD-02	39.755216	-121.631249	Radio	P31: "We've got a couple structures, we're about 400 feet from Debbie [sic] [Barbara Way] now." — A1: "10-4. If you guys are done evacuations, you're just going to have to start backing out of there."				×				PPD-02	Radio
11/8	11:27	0	PPD-08	39.755216	-121.631249	Radio	P31: "We've got a couple structures, we're about 400 feet from Debbie [sic] [Barbara Way] now." A1: 10-4. If you guys are done evacuations, you're just going to have to start backing out of there.				×				PPD-08	Radio
11/8	11:27	0	PPD-09	39.797016	-121.585688	video	traffic light operating at Clark Rd and Skyway, not red flash			×					PPD-09	video
11/8	11:27	0	PPD-09	39.797379	-121.585486	video	traffic is stopped SB at Optimo, NB lanes are open, multiple vehicles in roadway; intersection is clear	×		×					PPD-09	video
11/8	11:27	0	PPD-09	39.797379	-121.585486	video	traffic is stopped NB on Clark Rd			×					PPD-09	video
11/8	11:27	0	PPD-09	39.796472	-121.585990	video	no vehicles south of Clark Rd on Skyway; visibility poor			×					PPD-09	video
11/8	11:27	0	Radio Log	39.727507	-121.655491	Radio Log	LE63: "Neal [Rd] at Wayland [Rd], gridlock, trying to get back to the CP with 2 buses"			×		×			VTD-32	Radio Log
11/8	11:27	0	Photo	39.755918	-121.593046	Photo	no vehicles visible			×					TD-112	Photo
11/8	11:27	26	Inferred	39.748775	-121.593967	TD	At Station 82 with civilians and B2311							×	TD-112	TD
11/8	11:28	0	PPD-02	39.727562	-121.655469	Radio	91: "Flames are getting much closer to Neal [Rd] now up from Red Sky [Ln] and the traffic is blocked."			×					PPD-02	Radio
11/8	11:28	0	PPD-02	39.753340	-121.629286	Radio	31: "Do we still have any transports available from the county? I have a disabled here on Honey Run [Rd]." — A1: "Negative, not at this point."					×			PPD-02	Radio
11/8	11:28	0	PPD-08	39.727459	-121.655531	Radio	91: "Flames are getting much closer to Neal [Rd] now up from Red Sky [Ln] and the traffic is blocked."			×					PPD-08	Radio
11/8	11:28	0	PPD-08	39.753340	-121.629286	Radio	31: "Do we still have any transports available from the county? I have a disabled here on Honey Run [Rd]." — A1: "Negative, not at this point."					×	×		PPD-08	Radio
11/8	11:28	0	PPD-08	39.753340	-121.629286	Radio	31,21: "I can 98 [meet] with you to help get them out of there and to the station." — 31: they're out, they're safe, they're on Skyway, they just have no way of getting away."					×	×		PPD-08	Radio
11/8	11:28	0	Radio Log	39.762479	-121.622185	Radio Log	LE Disp: "Oliver Rd at Skyway is gridlocked."			×					VTD-32	Radio Log
11/8	11:29	0	Photo	39.659422	-121.735547	Photo	CA-99 NB; driving on shoulder; heavy traffic NB; delayed by traffic lighter traffic SB; on PA to get cars to move			×					TD-205	Photo
11/8	11:29	0	AVL	39.746068	-121.608044	AVL	escort civilians to shelter in Best Western parking lot							×	TD-211	TD
11/8	11:29	0	PPD-02	39.753340	-121.629286	Radio	31,21: "I can 98 [meet] with you to help get them out of there and to the station." — 31: they're out, they're safe, they're on skyway they just have no way of getting away."					×			PPD-02	Radio
11/8	11:29	0	PPD-08	39.760329	-121.618261	video	2 civilian vehicles on bike path SB			×					PPD-08	video
11/8	11:29	0	PPD-08	39.759502	-121.621884	video	2 lanes Elliott Rd WB backed up from Skyway to Almond Rd			×					PPD-08	video
11/8	11:29	0	PPD-08	39.727459	-121.655531	Radio	91: "Need directive, I'm here on Neal [Rd] and Wayland [Rd]. It's gridlocked, and the flames are getting really close to Neal [Rd]; traffic is coming all downhill on both lanes on Neal Rd and Wayland Rd as well."			×					PPD-08	Radio
11/8	11:29	0	Photo	39.659422	-121.735547	Photo	heavy traffic NB CA-99; engines using right shoulder to pass traffic; some traffic SB CA-99			×					TD-205	Photo
11/8	11:29	5	PPD-10	39.796867	-121.585748	video	wind is 20 mi/h gusting to 30 mi/h [32 km/h to 48 km/h]. visibility at intersection is okay, heavy ground smoke to the North; traffic signal is operating; numerous vehicles parked on Skyway and Clark Rd			×					PPD-10	video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:29	21	AVL	39.770400	-121.611833	AVL	Sheltering-in-place inside Walgreens, slow process pulling people from vehicles; Skyway/Bille Rd blocked in every direction			×		×	×	×	TD-014	Radio Log
11/8	11:29	31	AVL	39.746368	-121.608176	AVL	15 to 20 cars in the parking lot of Best Western							×	TD-211	TD
11/8	11:29	151	Inferred	39.757539	-121.571490	TD	50 to 60 people, staff, machines, and beds were on the helispot; staff had evacuated those capable, all other patients moved to ER						×	×	TD-005	TD
11/8	11:30	0	AVL	39.775666	-121.579589	AVL	driving past Ponderosa Elementary School, part of school is on fire; assign engine to protect; civilians at school								TD-015	TD
11/8	11:30	0	AVL	39.777784	-121.579620	AVL	abandoned motor home	×							TD-015	TD
11/8	11:30	0	AVL	39.665833	-121.742867	AVL	turn up Neal Rd from CA-99; Southbound lane on Neal Rd is gridlocked			×					TD-128	TD
11/8	11:30	0	PPD video	39.753664	-121.607780	TD	SB Clark Rd is clear until Black Bear Diner near Pearson Rd; contraflow on Clark Rd now near Pearson Rd			×					TD-037	TD
11/8	11:30	0	Inferred	39.710321	-121.670833	TD	SB Neal Rd is clogged; some vehicles passing SB in NB lanes; slowly moving downhill			×					TD-066	TD
11/8	11:30	0	TD	39.665754	-121.744025	TD	believe CA-99 was switched to all SB traffic due to jamming in Chico			×					TD-019	TD
11/8	11:30	0	PPD-08	39.753798	-121.625151	video	dark, smoky, visibility okay 400 ft+ [120 m]; a few civilians still in area								PPD-08	video
11/8	11:30	0	PPD-08	39.752818	-121.625701	video	traffic on Pearson Rd at Almond St all WB, moving stop and go			×					PPD-08	video
11/8	11:30	0	PPD-10	39.727460	-121.655516	Radio	91: "Need directive, I'm here on Neal [Rd] and Wayland [Rd]. It's gridlocked, and the flames are getting really close to Neal [Rd]; traffic is coming all downhill on both lanes on Neal Rd and Wayland Rd as well."			×					PPD-10	Radio
11/8	11:30	0	PPD-10	39.798023	-121.585144	video	Motorhome arrives to Optimo TRA [375 m (1200 ft) 105 min from last observed position on Skyway just south of Pentz Rd]			×					PPD-10	video
11/8	11:30	4	AVL	39.738883	-121.611750	AVL	stop and wait for fire front across Clark Rd; then drive through fire; pitch black, everything on fire; foam line on engine burned up	×							TD-208	TD
11/8	11:30	10	AVL	39.689569	-121.703491	AVL	Neal Rd is backed up from CA-99 all the way up; all congested; no fire			×					TD-203	TD
11/8	11:30	15	Inferred	39.752280	-121.607734	TD	last car left from intersection at Clark Rd; Pearson Rd WB still backed up			×					TD-035	TD
11/8	11:30	20	AVL	39.719560	-121.660244	AVL	Traffic bad - cars stacked SB - sometimes 2 lanes down - area closer to houses, more traffic in both lanes. We drove on shoulder at times; some vehicles NB into town at some point stop sending traffic SB down toward Neal Rd because of fire on Neal Rd	×							TD-064	TD
11/8	11:30	30	PPD video	39.748545	-121.626615	TD										
11/8	11:30	30	Inferred	39.729972	-121.652711	TD	work to get traffic flowing			×					TD-066	TD
11/8	11:30	30	Inferred	39.770367	-121.612346	TD	fire front arriving; trying to get cars to go back north but trailers and boats couldn't turn around; sent them on foot to Walgreens TRA			×		×	×		TD-127	TD
11/8	11:30	30	Inferred	39.777612	-121.606287	TD	LE on Wagstaff Rd had people run down Skyway towards Walgreens carrying babies, dogs, and suitcases					×	×		TD-127	TD
11/8	11:30	30	Inferred	39.778239	-121.608737	TD	calls for rescue, ran on foot, but could not access; heavy fire						×		TD-127	TD
11/8	11:30	30	Inferred	39.770355	-121.612354	TD	trying to get as many vehicles evacuated as possible before abandoning them and sending people to Walgreens			×		×			TD-127	TD
11/8	11:30	40	Inferred	39.749539	-121.594529	TD	no civilians at Enchanted Forest mobile home park								TD-037	TD
11/8	11:30	60	Inferred	39.727499	-121.655527	TD	fire trucks and dozers at Wayland Rd and Neal Rd; FF doing traffic control, no LE			×					TD-073	TD
11/8	11:30	60	Inferred	39.725529	-121.656933	TD	once on Neal Rd SB traffic was moving, no stopping			×					TD-073	TD
11/8	11:30	60	Inferred	39.665732	-121.744013	TD	CHP forcing traffic SB on CA-99 from Neal Rd			×					TD-073	TD
11/8	11:30	60	Inferred	39.777783	-121.606554	TD	forced entry into stucco building as possible additional TRA (8247 Skyway) [likely a LMU engine]							×	TD-127	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:30	90	Inferred	39.752254	-121.607917	TD	Pearson Rd and Clark Rd; traffic still packed [on Pearson Rd west of Clark Rd]			×					TD-035	TD
11/8	11:30	90	Inferred	39.743165	-121.607652	TD	Turn around on Clark Rd; impassable	×							TD-035	TD
11/8	11:30	90	TD	39.759021	-121.645271	TD	BCSO drive by on PA ordering residents to evacuate				×				TD-044	TD
11/8	11:30	120	AVL	39.772933	-121.596188	AVL	Paradise Alliance Church, vegetation igniting, several hundred vehicles in parking lot, about half full							×	TD-017	TD
11/8	11:30	120	AVL				Traffic is generally reduced [within Paradise]			×					TD-017	TD
11/8	11:30	414	AVL	39.758286	-121.570643	TD	at some point, suddenly tons of people and gurneys in parking lot							×	TD-109	TD
11/8	11:31	0	AVL	39.777775	-121.583944	AVL	power lines, poles burned; first time it was a problem; PG&E in area to move sagging lines	×							TD-015	TD
11/8	11:31	0	PPD-08	39.752398	-121.624496	video	traffic light at Black Olive Dr and Pearson Rd is red flash			×					PPD-08	video
11/8	11:31	0	PPD-08	39.665781	-121.743656	Radio	radio: "Traffic moving SB Neal Rd being pushed north on [CA-] 99." [NIST note: Likely an erroneous statement about NB on CA-99. Other statements confirm SB onto CA-99, as well as traffic from Skyway entering CA-99 to the north of Neal Rd causing backups in Chico.]			×					PPD-08	Radio
11/8	11:31	0	PPD-08	39.754815	-121.627696	video	traffic is all three lanes SB at Skyway and Honey Run Rd			×					PPD-08	video
11/8	11:32	0	AVL	39.719183	-121.660300	AVL	slowdown at Goa Way and Neal Rd; two lanes Neal Rd SB; we are driving in ditch hitting mailboxes			×					TD-092	TD
11/8	11:32	0	PPD video	39.748544	-121.626620	TD	[TD-064] at Foster Rd and Buschmann Rd, splits flow and sends some cars to Neal Rd (Wayland Rd) and some to Skyway (Black Olive Dr)			×					TD-065	TD
11/8	11:32	0	PPD video	39.770353	-121.611455	PPD video	try to send civilians back toward Clark Rd because skyway is blocked, on Bille Rd	×		×		×			TD-127	TD
11/8	11:32	0	PPD-08	39.665848	-121.743264	Radio	A2: "Traffic is flowing at the bottom [of Neal Rd], so it's just a matter of congestion."			×					PPD-08	Radio
11/8	11:32	0	PPD-08	39.748535	-121.626606	Radio	3424: "Start sending people NB at Foster [Rd] over to Black Olive [Dr] so that gets backed up. We just need to keep things moving. I've got fire getting real close to the roadway here at Clark [Rd]."			×					PPD-08	Radio
11/8	11:32	0	PPD-08	39.770375	-121.610577	Radio	503: "We're currently on Bille [Rd] approaching Skyway. Fire is announcing on speaker to turn around and head back to Clark [Rd]."			×					PPD-08	Radio
11/8	11:32	0	PPD-08	39.753488	-121.629044	video	Skyway is four lanes SB south of Pearson Rd			×					PPD-08	video
11/8	11:32	0	PPD-10	39.665891	-121.742958	Radio	A2: "Traffic is flowing at the bottom [of Neal Rd], so it's just a matter of congestion."			×					PPD-10	Radio
11/8	11:32	0	Radio Log	39.665781	-121.743694	Radio Log	radio: "Traffic moving SB Neal Rd being pushed north on [CA-] 99." [NIST note: Likely an erroneous statement about NB on CA-99. Other statements confirm SB onto CA-99, as well as traffic from Skyway entering CA-99 to the north of Neal Rd causing backups in Chico.]			×					VTD-32	Radio Log
11/8	11:32	3	PPD-08	39.753563	-121.629317	video	face to face with PPD car 51; southbound Skyway is stop and go; very dark, visibility light smoke			×					PPD-08	video
11/8	11:33	0	AVL	39.798669	-121.579734	AVL	power lines blocking Pentz Rd (in area of Stardust Ln or Honeysuckle Ln), cannot access Skyway	×							TD-084	TD
11/8	11:33	0	Photo	39.719283	-121.660369	Photo	Neal Rd SB jammed; NB slow emergency vehicles			×					TD-091	Photo
11/8	11:33	17	AVL	39.783334	-121.581026	AVL	drove into Paradisewood Dr; structures standing, some burned, resident stayed and protected								TD-009	TD
11/8	11:34	0	Radio Log	39.730504	-121.593577	AVL	first report of two people trapped in field on Edgewood Ln						×		TD-014	Radio Log
11/8	11:34	0	AVL	39.745964	-121.640160	AVL	Skyway at health center; heavy traffic; cars driving through yards and fences			×					TD-058	TD
11/8	11:34	15	Inferred	39.749675	-121.599194	TD	rescue bed-ridden woman with husband and dog (Angel Dr); fire behind house						×		TD-123	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:34	15	Inferred	39.748776	-121.593754	AVL	Station 82 - drop off two civilians						×		TD-123	TD
11/8	11:34	116	AVL	39.776363	-121.589966	AVL	Kmart threatened; parking lot packed with est. 1000 vehicles [NIST note: hundreds of vehicles, <1000]							×	TD-017	TD
11/8	11:35	0	PPD video	39.797375	-121.585549	TD	decide with LE that it is unsafe to leave the area; Skyway and Clark Rd are both blocked by fire. Begin to assemble civilians into parking lot on foot; plan B is to bring people into buildings; no engines yet	×						×	TD-041	TD
11/8	11:35	0	PPD video	39.798274	-121.585312	TD	instruct people to gather in Optimo parking lot TRA					×		×	TD-067	TD
11/8	11:35	0	PPD video	39.798098	-121.585535	TD	contingency plan is to put civilians inside buildings							×	TD-067	TD
11/8	11:35	0	Radio Log	39.729623	-121.584350	TD	Oroville: numerous people taking refuge in field at very end of Edgewood Ln						×		TD-111	Radio Log
11/8	11:35	0	PPD-08	39.753787	-121.624049	Radio	"All PD Units, the department is fully evacuated, Fire Station 81 is evacuated, but we have a few in shelter in place here."					×		×	PPD-08	Radio
11/8	11:35	0	PPD-08	39.798207	-121.585395	Radio	"Making contingency plans for evacuating vehicles here at the Optimo parking lot worst case scenario into buildings because they have metal roofs."					×		×	PPD-08	Radio
11/8	11:35	14	PPD-10	39.796682	-121.585214	video	approximately 120+ individuals on foot walking from Clark Rd, Cabernet Ln, and Gate Ln toward Optimo TRA. Distance from Gate Ln at Cabernet Ln to Optimo TRA is ~375 m (1200 ft).							×	PPD-10	video
11/8	11:35	14	PPD-10	39.798142	-121.585271	video	approximately 120+ individuals on foot walking from Clark Rd, Cabernet Ln, and Gate Ln toward Optimo TRA. Distance from Gate Ln at Cabernet Ln to Optimo TRA is ~375 m (1200 ft).							×	PPD-10	video
11/8	11:35	123	AVL	39.776508	-121.589898	TD	store was opened to feed personnel at the Kmart parking lot							×	TD-015	TD
11/8	11:36	0	Photo	39.759236	-121.606715	Photo	Clark Rd and Elliott Rd; no traffic, nobody here; gas station vegetation on fire			×					TD-034	TD
11/8	11:36	0	PPD-10	39.796071	-121.585001	video	announcing yelling to evacuate to Optimo; civilians leaving vehicles and some running to Optimo; some have bags, some have dogs/pet carriers, wheelchairs/strollers					×		×	PPD-10	video
11/8	11:36	0	Photo	39.756488	-121.607306	Photo	1 vehicle NB			×					TD-034	Photo
11/8	11:36	12	PPD-10	39.796071	-121.585001	video	winds 10 mi/h to 20 mi/h, gust to 30 mi/h [16 km/h, 32 km/h, 48 km/h]; visibility variable down to 100 ft [30 m]; heavy smoke south of location; intersection completely gridlocked all lanes, all NB	×		×					PPD-10	video
11/8	11:37	0	AVL	39.746617	-121.608183	AVL	1 or 2 civilian POV at Best Western							×	TD-208	TD
11/8	11:37	0	Photo	39.759509	-121.623908	Photo	all lanes Skyway SB at Elliott Rd; nighttime dark			×					TD-076	Photo
11/8	11:37	0	PPD-08	39.775576	-121.608944	Radio	"People in the area of the 8000 block of Skyway need to leave their vehicles."					×			PPD-08	Radio
11/8	11:37	0	Photo	39.759505	-121.624003	Photo	Skyway 4 lanes SB jammed			×					TD-076	Photo
11/8	11:37	0	Photo	39.759505	-121.624003	Photo	at least 2 lanes Skyway SB into Elliott Rd			×					TD-076	Photo
11/8	11:38	0	Radio Log	39.718677	-121.516455	Radio Log	"Request for additional life flight helicopter and ground transport for 2 more civilian burns."						×		TD-008	Radio Log
11/8	11:38	0	Photo	39.719560	-121.660244	Photo	traffic on Neal Rd near Indian Springs Rd; ground visibility is good; dark as night			×					TD-205	Photo
11/8	11:38	0	video	39.746616	-121.645514	TD	everything on fire; trees, cars, houses, telephone poles; power lines down	×							TD-058	TD, video
11/8	11:38	0	video	39.746579	-121.645738	video	power pole and power lines down blocking both SB lanes, all traffic forced down NB lanes; second pole leaning over about to fall; scattered small surface fires both sides Skyway	×		×					TD-058	video
11/8	11:38	0	PPD-08				"all units on Skyway find a safe place to shelter in place, any units on Skyway find a safe place to shelter in place"					×			PPD-08	Radio
11/8	11:38	0	Photo	39.719560	-121.660244	Photo	Neal Rd SB full; NB open for slow emergency traffic but stopped			×					TD-205	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:39	0	PPD-08	39.751943	-121.607344	Radio	"We have several units at Pearson Rd and Clark Rd, fire coming up behind us, we're going to be sheltering in place by the ace hardware."					×	×		PPD-08	Radio
11/8	11:39	0	PPD-08	39.759495	-121.616718	video	Elliott Rd is empty, no traffic, Almond St to Maxwell Dr			×					PPD-08	video
11/8	11:39	2	PPD-08	39.759523	-121.612409	video	evacuation assistance at Elliott Rd and Maxwell Dr with another PPD; two or three cars driving by on Elliott Rd; civilian/groundskeeper present at the cemetery					×			PPD-08	video
11/8	11:39	2	PPD-10	39.796071	-121.585001	video	two vehicles' head SB Clark Rd, return after 2.3 minutes	×							PPD-10	video
11/8	11:40	0	Inferred	39.796208	-121.585095	TD	150 to 200 civilians are in vehicles on Skyway and Clark Rd							×	TD-041	TD
11/8	11:40	0	PPD video	39.759514	-121.612450	PPD video	encounter woman with walker, smoke getting worse; help her into another civilian POV					×	×		TD-070	TD
11/8	11:40	0	AVL	39.741067	-121.655847	TD	contraflow down Skyway			×					TD-058	TD
11/8	11:40	0	PPD-08	39.790076	-121.591541	Radio	E3: "I need some assistance up here with the traffic on Skyway at Coldren [Rd]."			×					PPD-08	Radio
11/8	11:40	0	PPD-08	39.753812	-121.628623	Radio	"Skyway at Pearson [Rd], SB traffic has stopped, and we need to figure out why."			×					PPD-08	Radio
11/8	11:40	23	Inferred	39.759508	-121.623915	TD	4 lanes heavy traffic SB on Skyway at Elliott Rd; slow moving because have to merge at intersection			×					TD-070	TD
11/8	11:40	23	Inferred	39.753820	-121.628703	TD	merging 4 lanes Skyway SB with 2 lanes Pearson Rd into 4 lanes SB south of Pearson Rd (4+2 have to go down to 4, with middle lane open)			×					TD-070	TD
11/8	11:40	27	AVL	39.720209	-121.660018	AVL	Hit congestion at Goa Way; 27 minutes to get from Goa Way to Grinding Rock Rd [1.6 km (1 mi)]			×					TD-203	AVL, TD
11/8	11:40	80	Inferred	39.714077	-121.788003	TD	forced right on Bruce Rd; both lanes NB; lots of LE			×					TD-058	TD
11/8	11:40	100	Inferred	39.756365	-121.626015	TD	Skyway at Fir St; traffic flowing all lanes SB, jam packed; no fire			×					TD-034	TD
11/8	11:40	100	Inferred	39.752407	-121.624518	TD	Pearson Rd is gridlock backed up from Skyway past Black Olive Dr			×					TD-034	TD
11/8	11:41	0	AVL	39.721917	-121.659283	AVL	big slowdown on Neal Rd; both lanes Neal Rd are SB; pitch dark			×					TD-128	TD
11/8	11:41	0	PPD-08	39.796027	-121.584934	Radio	P30P21, P30: "Evacuating Gate Ln and its gridlock. Trying to get people out of their vehicles to the Optimo parking lot, it's as far as I can see" — 21: "I'll try and get up there to help you out."			×		×	×		PPD-08	Radio
11/8	11:41	0	PPD-11	39.796205	-121.583587	video	instructing civilians to abandon vehicles and go to Optimo parking lot on foot					×	×		PPD-11	video
11/8	11:41	0	PPD-11	39.796205	-121.583587	video	17 vehicles on east half of Cabernet Ln to Gate Ln; traffic continues backed up 2 lanes on Gate Ln			×					PPD-11	video
11/8	11:41	1	PPD-11	39.796205	-121.583587	video	2 lanes traffic stopped on Cabernet Ln			×					PPD-11	video
11/8	11:42	0	PPD-08	39.759531	-121.609808	video	no traffic; dark; visibility 100 ft [30 m];			×					PPD-08	video
11/8	11:42	0	PPD-08	39.762877	-121.604316	video	stream of 20 civilian vehicles SB Clark Rd between Elliott Rd and Central Park Dr			×					PPD-08	video
11/8	11:42	0	PPD-10	39.796071	-121.585001	video	P30P21, P30: "Evacuating Gate Ln and its gridlock. Trying to get people out of their vehicles to the Optimo parking lot, it's as far as I can see" — 21: "I'll try and get up there to help you out."			×		×	×		PPD-10	Radio
11/8	11:42	0	Photo	39.722245	-121.659151	Photo	Neal Rd SB one lane; NB open for slow emergency traffic			×					TD-205	Photo
11/8	11:42	0	Photo	39.722245	-121.659151	Photo	Neal Rd SB one lane; NB open for slow emergency traffic			×					TD-205	Photo
11/8	11:43	0	PPD-08	39.764982	-121.602945	video	traffic light still operating at Clark Rd and Central Park Dr			×					PPD-08	video
11/8	11:43	0	PPD-08	39.767834	-121.600190	video	24 civilian vehicles SB Clark Rd between Central Park Rd and Bille Rd			×					PPD-08	video
11/8	11:43	0	PPD-08	39.770455	-121.597736	video	traffic light at Bille Rd and Clark Rd is operating			×					PPD-08	video

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:43	0	PPD-08	39.774852	-121.593424	video	5 civilian vehicles SB Clark Rd between Bille Rd and Wagstaff Rd; windy, light smoke, visibility 800 ft [220 m]; overcast/evening light level, can see without lights			×					PPD-08	video
11/8	11:44	0	PPD-08	39.777126	-121.590519	video	some cars in Kmart parking lot, but not full							×	PPD-08	video
11/8	11:44	0	PPD-08	39.777750	-121.590627	video	traffic lights at Clark Rd and Wagstaff Rd are red flash; traffic being blocked NB lanes on Clark Rd; CAL FIRE or other at Kmart entrance on Wagstaff			×					PPD-08	video
11/8	11:44	61	Inferred	39.765106	-121.627350	TD	traffic stopped at Crestview Dr to Oliver Rd			×					TD-026	TD
11/8	11:44	61	Inferred	39.765342	-121.626209	TD	3 or 4 cars wide on Oliver Rd; not moving			×					TD-026	TD
11/8	11:44	61	Inferred	39.760744	-121.628399	TD	no traffic the back way, Crestview Dr to Elliott Rd			×					TD-026	TD
11/8	11:44	61	Inferred	39.759483	-121.623918	TD	2 cops traffic control at Elliott Rd and Skyway; ambulance and fire engines going NB			×					TD-026	TD
11/8	11:44	61	Inferred	39.759223	-121.624087	TD	go SB in NB lanes; 4 lanes SB; one center lane NB for emergency			×					TD-026	TD
11/8	11:45	0	Inferred	39.753863	-121.628666	TD	conditions got very dark; very heavy, creeping traffic at Pearson Rd			×					TD-011	TD
11/8	11:45	0	Inferred	39.749540	-121.634145	TD	ran to Town Hall (faster than traffic flow); EOC is empty, no people			×					TD-011	TD
11/8	11:45	0	TD-019	39.665823	-121.743778	TD	CHP blocks NB CA-99 and sends all Neal Rd down CA-99 SB			×					TD-078	TD
11/8	11:45	0	Inferred	39.720431	-121.578645	TD	LE present at Pentz Rd and Lago Vista Way								TD-118	TD
11/8	11:45	0	Photo	39.752238	-121.607757	Photo	WB Pearson Rd backed up west of Clark Rd; one lane traffic SB Clark Rd actively directed Pearson Rd WB; steady flow 25 vehicles in 1 minute			×					TD-130	Photo
11/8	11:45	1	PPD-08	39.790999	-121.585500	video	3 civilian vehicles between Cypress Ln and Cabernet Ln			×					PPD-08	video
11/8	11:46	0	video	39.752278	-121.607752	video	traffic lights at Clark Rd and Pearson Rd are flashing red; no traffic from Pearson Rd; much less traffic at intersection with Clark Rd, still one lane steady flow vehicles from Clark Rd SB directed Pearson Rd WB			×					TD-130	video
11/8	11:46	0	PPD-08	39.795887	-121.584963	video	Clark Rd at Cabernet Ln is blocked by cars; very little ground smoke, visibility good; wind 10 mi/h to 15 mi/h [4 m/s to 7 m/s] at surface blowing from NE			×					PPD-08	video
11/8	11:46	9	PPD-08	39.796086	-121.584378	video	assist with mobility impaired transfer into PPD vehicle					×	×		PPD-08	video
11/8	11:47	0	Photo	39.770212	-121.612118	Photo	Skyway SB stopped, 3 lanes; people on foot to Walgreens; no vehicles visible on Bille Rd east of Skyway			×				×	TD-055	Photo
11/8	11:48	0	PPD video	39.737023	-121.648776	TD	Roe Rd is backed up; meet with [2 PPD]			×					TD-066	TD
11/8	11:48	0	PPD-08	39.737026	-121.648791	Radio	33: "Gridlock on Neal Rd at Roe Rd, nothing moving. Fire about 15 yd to 20 yd [14 m to 18 m] from the road."			×					PPD-08	Radio
11/8	11:48	18	AVL	39.716583	-121.521283	AVL	unload evacuee; request ambulance for chest pain; civilian takes man and wife to hospital					×	×		TD-062	TD
11/8	11:49	0	Radio Log	39.730504	-121.593577	AVL	report of 3 burn victims at the very end of South Libby Rd on a quad trail [trail for all-terrain vehicles]						×		TD-014	Radio Log
11/8	11:49	0	PPD-08				confusion about the traffic jamming on Skyway, trying to coordinate efforts			×					PPD-08	Radio
11/8	11:49	3	PPD-10	39.796142	-121.584648	video	load multiple civilians (full car) including mobility impaired person into police car with help of other civilians					×	×	×	PPD-10	video
11/8	11:50	0	PPD-08	39.777258	-121.579588	Radio	22: "Pentz Rd, we are all moving NB on Pentz Rd to Wagstaff [Rd] to Kmart parking lot. We're moving the entire line there."			×					PPD-08	Radio
11/8	11:50	10	Inferred	39.718825	-121.516553	TD	helicopter lands and takes off with patients						×		TD-027	TD
11/8	11:50	30	Inferred	39.748624	-121.581931	TD	driving around power lines on Pentz Rd; Pearson Rd was particularly bad with power lines	×							TD-111	TD
11/8	11:50	30	Inferred	39.744772	-121.584402	TD	tons of power lines and trees down blocking access on Edgewood Ln	×							TD-111	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	11:50	55	AVL	39.787833	-121.580733	AVL	4 or 5 civilian POV at Church TRA; LE present; 3 civilians in B2511 pickup							×	TD-089	TD
11/8	11:50	66	AVL	39.787853	-121.580120	AVL	set up safety zone for TRA							×	TD-084	TD
11/8	11:50	90	Inferred	39.759491	-121.621869	TD	no traffic, no people at Almond St and Elliott Rd			×					TD-034	TD
11/8	11:50	90	Inferred	39.753849	-121.628635	TD	at Pearson Rd and Skyway; Skyway is all lanes SB; take advantage of bump out width reduction in Skyway curb to allow one lane from Pearson Rd to turn SB on to Skyway			×					TD-034	TD
11/8	11:50	90	Inferred	39.753849	-121.628635	TD	Skyway was crawling SB; kept contraflow lanes operating			×					TD-034	TD
11/8	11:51	0	PPD-08	39.753830	-121.628641	Radio	"Can anybody advise why Skyway is blocked south of Pearson [Rd]?"	×		×					PPD-08	Radio
11/8	11:51	0	PPD-08				Z91: "Do you know if they are accessing Clark [Rd] to exit?"			×					PPD-08	Radio
11/8	11:52	0	PPD video	39.749540	-121.634145	TD	304 to Public Works: "All of EOC has been evacuated, just spoke to someone with CalOES there is fire at pretty much at every exit point and Skyway is the only option and to keep pushing people through skyway" — 32,35: "Skyway at Elliott Rd copies. We're continuing southbound from all directions."			×		×			TD-011	PPD video
11/8	11:52	0	PPD-08	39.749526	-121.634150	Radio	304 to Public Works: "All of EOC has been evacuated, just spoke to someone with CalOES there is fire at pretty much at every exit point and Skyway is the only option and to keep pushing people through skyway" — 32,35: "Skyway at Elliott Rd copies. We're continuing southbound from all directions."					×			PPD-08	Radio
11/8	11:52	0	PPD-10	39.798358	-121.585492	video	transport civilians to TRA					×	×	×	PPD-10	video
11/8	11:53	0	AVL	39.747467	-121.584433	AVL	turn around on Edgewood Ln; power lines and fire blocking access	×							TD-123	TD
11/8	11:53	0	PPD-10	39.749546	-121.634157	Radio	304 to Public Works: "All of EOC has been evacuated, just spoke to someone with CalOES there is fire at pretty much at every exit point and Skyway is the only option and to keep pushing people through skyway" — 32,35: "Skyway at Elliott Rd copies. We're continuing southbound from all directions."					×			PPD-10	Radio
11/8	11:53	10	TD-020	39.748567	-121.594117	AVL	Battalion Chief and Type 4 [wildland fire engine] lead out 10 to 12 cars			×					TD-124	TD
11/8	11:53	10	Inferred	39.748775	-121.593967	TD	TD-020 stopped by Station 82 — leads convoy to Clark Rd via Pearson Rd; very dark thick smoke			×		×			TD-112	TD
11/8	11:53	10	Inferred	39.752255	-121.607721	TD	old man stumbles out of darkness; put him in TD-020 truck						×	×	TD-112	TD
11/8	11:53	10	TD-112	39.751735	-121.607322	TD	escort civilian vehicles to Ace Hardware where they will wait for LE to escort out					×		×	TD-020	TD
11/8	11:53	10	TD-112	39.752255	-121.598279	TD	pick up older civilian man in the smoke, collapses in road (Pearson Rd)						×		TD-020	TD
11/8	11:54	0	PPD-10	39.798329	-121.585275	video	no engines visible, one FF visible; nominally 100 civilians visible							×	PPD-10	video
11/8	11:55	2	AVL	39.784373	-121.578907	AVL	2 POV still refuge at the gym TRA							×	TD-009	TD
11/8	11:56	0	PPD video	39.798296	-121.585207	TD	FF giving instructions to civilians gathered at TRA							×	TD-067	TD
11/8	11:56	0	Inferred	39.797936	-121.582840	TD	two lanes Gate Ln WB toward Clark Rd; fight way through stopped traffic			×					TD-043	TD
11/8	11:56	0	PPD-08	39.795840	-121.584919	video	3 additional civilian vehicles arrive to Clark Rd at Cabernet Ln after police car			×					PPD-08	video
11/8	11:56	0	PPD-08	39.760980	-121.622983	Radio	P32: Skyway at Memorial, elderly female oxygen just ran out, is there any medical transport available					×	×		PPD-08	Radio
11/8	11:56	0	PPD-12	39.798337	-121.585223	video	instructions and plan being communicated to civilians by TD-041							×	PPD-12	video
11/8	11:56	0	PPD-12	39.798337	-121.585223	video	request for particulate masks for elderly; there are none to give							×	PPD-12	video
11/8	11:56	0	PPD-12	39.797016	-121.585688	video	traffic light operating at Clark Rd and Skyway, not red flash			×					PPD-12	video
11/8	11:56	1	PPD-12	39.798337	-121.585223	video	150 civilians (estimated) assembled and seated outside of buildings at Optimo TRA							×	PPD-12	video

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11/8	11:56	19	Inferred	39.793300	-121.587903	TD	power lines down at Skyway and Yeshua Way blocking Skyway	×							TD-043	TD
11/8	11:57	0	AVL	39.780480	-121.576301	TD	Civilian in vehicle had rode out fire in field and made it here for safety						×		TD-045	TD
11/8	11:57	0	PPD-08	39.783125	-121.587788	video	power lines and pole partially blocking Clark Rd at Kilcrease Cir	×							PPD-08	video
11/8	11:58	0	TD	39.775998	-121.590578	video	more civilians present in southern third of Paradise Plaza parking lot (approximately 20 vehicles)						×		VTD-18	Photo
11/8	11:58	1	PPD-08	39.774810	-121.593459	video	Clark Rd is empty, no traffic except 1 civilian vehicle; visibility is variable smoky and dark but good (300 ft to 1000 ft [90 m to 300 m]); no fire			×					PPD-08	video
11/8	11:59	0	PPD-08	39.798268	-121.585402	Radio	P30: "Fire has advised possible helicopter water drop if needed at this evacuation area."							×	PPD-08	Radio
11/8	11:59	0	PPD-08	39.772374	-121.596617	video	no vehicles visible in parking lot of CMA Church							×	PPD-08	video
11/8	11:59	0	PPD-08	39.783353	-121.587563	Radio	21: "North on Clark [Rd] from Wagstaff [Rd] there's multiple power lines down blocking the roadway. They won't be able to get through to go north."	×							PPD-08	Radio
11/8	11:59	0	PPD-08	39.772000	-121.596180	video	Clark Rd is empty, no traffic, no cars			×					PPD-08	video
11/8	11:59	0	PPD-10	39.782986	-121.587911	Radio	21: "North on Clark [Rd] from Wagstaff [Rd] there's multiple power lines down blocking the roadway. They won't be able to get through to go north."	×							PPD-10	Radio
11/8	11:59	3	TD	39.775998	-121.590578	video	parking lot is more than 50% full; heavy smoke, visibility <200 ft [60 m]							×	VTD-18	video
11/8	12:00	0	TD	39.748716	-121.609805	TD	pick up civilian on foot at park on Buschmann Rd						×		TD-065	TD
11/8	12:00	0	TD	39.742629	-121.641985	TD	cars stopped on Neal Rd for a while near Starlight Ct			×					TD-066	TD
11/8	12:00	0	TD	39.753782	-121.628527	TD	head to Pearson Rd and Skyway; 4 lanes backed up on Pearson Rd because they can't merge into Skyway; Skyway 4 or 5 lanes SB			×					TD-074	TD
11/8	12:00	0	video	39.770316	-121.612393	TD	roadway just opened up; Bille Rd east of Skyway emptied first, Skyway soon after			×					TD-055	TD
11/8	12:00	0	Radio Log	39.777628	-121.606319	Radio Log	multiple gas stations at Wagstaff Rd and Skyway is not a good TRA; being impacted by fire; civilians on foot abandoning vehicles, trying to scoop them all up					×	×	×	TD-127	Radio Log
11/8	12:00	0	Inferred	39.731334	-121.574242	TD	wall of darkness; cannot see past hood of engine; civilians driving south out of black — instruct them to keep driving down the hill, 6 to 12 vehicles					×			TD-118	TD
11/8	12:00	0	Inferred	39.737127	-121.648721	AVL	teenagers running up the road telling people to merge into single SB lane and traffic started moving soon			×					TD-300	TD
11/8	12:00	0	PPD-08	39.777738	-121.589883	video	one BCSO ushering vehicle convoy on Wagstaff Rd from Pentz Rd into Kmart parking lot TRA (line goes as far as can see, at least 20 vehicles remaining)			×		×	×		PPD-08	video
11/8	12:00	0	Photo	39.777644	-121.606293	Photo	radio traffic, people on foot, no good TRA; high priority; radio traffic - Butte Co FD 12, traffic control in Inskip			×				×	TD-130	Photo
11/8	12:00	10	TD	39.737919	-121.647952	TD	flagged down by two women who cannot drive; civilian defending house with hose, trailer on fire, won't listen to leave; fire all around; see CAL FIRE				×	×			TD-066	TD
11/8	12:00	20	Inferred	39.748613	-121.589502	TD	pick up civilian on foot, take in engine [location approximate]						×		TD-111	TD
11/8	12:00	20	Inferred	39.756291	-121.607932	TD	drop off civilian in parking lot; felt area was safe, building not burning yet					×	×		TD-111	TD
11/8	12:00	30	Inferred	39.753708	-121.628278	TD	Pearson Rd clears quickly once allowed to flow onto Skyway, hundreds of cars			×					TD-074	TD
11/8	12:00	30	Inferred	39.778385	-121.605641	TD	locked cars abandoned on Skyway; had LMU engine push about 20 cars to the side	×	×						TD-127	TD
11/8	12:00	41	AVL	39.723900	-121.541400	AVL	Two civilians left packing up; they would leave when told				×				TD-031	AVL, TD, Inferred
11/8	12:00	60	Inferred	39.752251	-121.599985	TD	fire has burned through Pearson Rd between Middle Libby Rd and Clark Rd; wires are down; in and out of engine to cut lines; eyes getting pelted with debris and embers	×							TD-037	TD
11/8	12:00	120	Inferred	39.759491	-121.623918	TD	choke Skyway at Elliott Rd to allow 2 lanes to merge SB from Pearson Rd			×					TD-074	TD

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11/8	12:00	120	Inferred	39.789204	-121.510533	DA Report	back into Concow Rd; additional fatality in vehicle on Windermere Ln									TD-027	TD
11/8	12:00	120	Inferred	39.789230	-121.512911	TD	rescue another burn patient near Windermere Ln and Camelot Ln that crawled into culvert; request another helicopter						×			TD-027	TD
11/8	12:00	120	Inferred	39.769631	-121.511945	TD	convoy with WT45, an engine, 2 or 3 civilian vehicles; zero visibility					×				TD-027	TD
11/8	12:00	120	Inferred	39.718936	-121.516486	TD	stage and wait for ambulance to arrive; CHP helicopter took patient						×			TD-027	TD
11/8	12:00	150	Inferred	39.776706	-121.590329	TD	200+ vehicles and medical personnel from hospital; volunteer fire engine; at Kmart TRA							×		TD-043	TD
11/8	12:00	175	Inferred	39.769334	-121.582557	TD	vehicles burned (horse trailer, delivery truck, 5th wheel with truck); trees and power lines down in roadway; no people here	×								TD-118	TD
11/8	12:00	175	Inferred	39.753800	-121.624610	TD	take engine to Fire Station 81; civilians are sheltered at station							×		TD-118	TD
11/8	12:00	175	Inferred	39.759475	-121.613774	TD	pick up a kid in the street and take to Station 81						×			TD-118	TD
11/8	12:00	175	Inferred	39.765822	-121.606208	TD	man refused to leave "only leaving in handcuffs"				×					TD-118	TD
11/8	12:00	218	Inferred	39.647733	-121.649880	TD	people evacuees getting dropped off at Butte College					×	×			TD-114	TD
11/8	12:01	0	AVL	39.770110	-121.579313	AVL	Pentz Rd at Bille Rd; talk with SO about moving people to Kmart					×	×			TD-015	TD
11/8	12:01	0	Photo	39.770212	-121.612118	Photo	Skyway SB moving slowly; no vehicles visible on Bille Rd			×						TD-055	Photo
11/8	12:01	3	PPD-08	39.776449	-121.590055	video	parking lot ~60% full, smoky visibility variable 50 ft to 200 ft [15 m to 60 m]; light winds 10 mi/h to 20 mi/h [4 m/s to 9 m/s] at surface; 1 CAL FIRE, some other LEO ~3+ vehicles visible					×	×			PPD-08	video
11/8	12:01	13	AVL	39.777940	-121.579663	AVL	shepherding 50+ cars from Bille Rd and Pentz Rd (TRA at Bille Rd and Pentz Rd) to Kmart					×	×	×		TD-015	TD
11/8	12:02	0	PPD-08	39.749268	-121.624149	Radio	Z91: "Just given report that disabled renter stayed behind, 5566 Logan Dr."						×			PPD-08	Radio
11/8	12:02	0	PPD-08	39.770158	-121.579306	Radio	1229: "Bille [Rd] and Pentz [Rd] has been cleared, they are moving to Kmart and the CMA."			×		×	×			PPD-08	Radio
11/8	12:02	0	PPD-10	39.749286	-121.624136	Radio	Z91: "Just given report that disabled renter stayed behind, 5566 Logan Dr."						×			PPD-10	Radio
11/8	12:02	0	PPD-10	39.770132	-121.579320	Radio	1229: "Bille [Rd] and Pentz [Rd] has been cleared, they are moving to Kmart."			×		×	×			PPD-10	Radio
11/8	12:02	4	AVL	39.788333	-121.577217	AVL	no civilians									TD-009	TD
11/8	12:02	4	AVL	39.745698	-121.608260	AVL	Identify bowling alley as additional shelter if necessary							×		TD-211	TD
11/8	12:03	0	AVL	39.748725	-121.593808	AVL	Stop at Station 82; 10 civilians sheltered in fire station, including broken leg							×		TD-014	TD
11/8	12:03	0	Inferred	39.752251	-121.607764	TD	LE is controlling intersection at Pearson Rd and Clark Rd; there is no traffic			×						TD-020	TD
11/8	12:03	0	Inferred	39.757384	-121.571692	TD	take civilian (collapsed man) to hospital						×			TD-020	TD
11/8	12:03	0	PPD-08	39.739247	-121.646310	Radio	C501: "Neal [Rd] and somewhere south of Burden Ter (3788 Neal), gridlock here, code 4, but this is not moving at all."			×						PPD-08	Radio
11/8	12:03	0	PPD-10	39.739235	-121.646334	Radio	C501: "Neal Rd and somewhere south of Burden Ter (3788 Neal), gridlock here, code 4, but this is not moving at all."			×						PPD-10	Radio
11/8	12:03	0	Photo	39.797990	-121.585216	Photo	TRA; civilians assembled on parking lot; approximately 91 people visible							×		TD-075	Photo
11/8	12:03	9	PPD video	39.749290	-121.624157	PPD video	rescue elderly man from residence						×			TD-070	TD, PPD video
11/8	12:04	0	PPD-08	39.736121	-121.649384	Radio	J33: "I'm transporting 12 juveniles to the fairgrounds and about 9 of them panicked and left the vehicle and started moving south on Neal Rd from a little past Roe Rd."					×				PPD-08	Radio
11/8	12:04	0	PPD-08	39.721438	-121.659566	Radio	Z91: "I can see movement on lower Neal [Rd]. I went up on Wayland [Rd] and can see traffic slowly moving."			×						PPD-08	Radio

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11/8	12:04	0	PPD-10	39.721438	-121.659566	Radio	Z91: "I can see movement on lower Neal [Rd]. I went up on Wayland [Rd] and can see traffic slowly moving."			×					PPD-10	Radio
11/8	12:04	0	Photo	39.797990	-121.585216	Photo	Optimo TRA congregating in parking lot						×		TD-075	Photo
11/8	12:04	1	PPD-08	39.781516	-121.602519	Radio	"8600 block of Skyway with backed up traffic; unclear if can continue southbound on Skyway."			×					PPD-08	Radio
11/8	12:05	0	AVL TD-014	39.737840	-121.593797	TD	people trapped down S Libby Rd; go down with [TD-014]; send engine staging at FS 82 down to S Libby Rd						×		TD-020	TD
11/8	12:05	0	PPD-08	39.772845	-121.596093	video	not obvious from limited view from dashcam that Paradise Alliance Church parking lot is being used by vehicles; no traffic on Clark Rd			×			×		PPD-08	video
11/8	12:05	10	Inferred	39.777287	-121.590034	TD	stage at Kmart until all vehicles are sheltered from Pentz Rd						×		TD-038	TD
11/8	12:05	55	AVL	39.730500	-121.593567	AVL	Civilian rescue: took quad down to field to rescue person(s) with 2nd and 3rd degree burns						×		TD-014	TD
11/8	12:06	3	AVL	39.784373	-121.578907	AVL	Bring additional 3rd POV to gym TRA					×	×		TD-009	TD
11/8	12:06	24	Inferred	39.791121	-121.579587	TD	no traffic on Pentz Rd, problem is power lines and cables	×		×					TD-040	TD
11/8	12:07	0	Photo	39.798304	-121.585269	TD	civilians gathered in center of Optimo parking lot							×	TD-041	Photo
11/8	12:07	0	PPD-10	39.749286	-121.624136	Radio	26 is out at 5566 Logan Dr, looking in the trailer						×		PPD-10	Radio
11/8	12:07	0	Photo	39.798156	-121.585161	Photo	TRA; civilians assembled on parking lot; approximately 81 people visible							×	TD-041	Photo
11/8	12:07	19	PPD-08	39.769650	-121.598486	video	Oroville PD. 5 civilian vehicles Clark Rd to WB Bille Rd, 20 continue SB Clark Rd, 7 vehicle NB Clark Rd, one WB on Bille Rd from Bille Rd			×					PPD-08	video
11/8	12:08	0	Radio Log	39.736998	-121.648789	Radio Log	Oroville advises multiple vehicles being overrun by fire on Neal Rd and Roe Rd area unable to leave	×		×			×		TD-014	Radio Log
11/8	12:08	0	Radio Log	39.730504	-121.593577	AVL	"I think we're in location [for the quad rescue]. I got one engine with me. It's going to be kind of dicey getting in there but we'll work on it."						×		TD-014	Radio Log
11/8	12:08	0	PPD-08	39.726506	-121.656218	Radio	22: "237 Neal Rd [sic], myself and 33 are splitting a lane, we're getting traffic moving down Neal Rd so it's not gridlocked."			×		×			PPD-08	Radio
11/8	12:09	0	AVL	39.800435	-121.580869	AVL	Pepsi truck unloaded		×	×					TD-079	TD
11/8	12:09	0	PPD-10	39.726506	-121.656218	Radio	22: "237 Neal Rd [sic], myself and 33 are splitting a lane, we're getting traffic moving down Neal Rd so it's not gridlocked."			×					PPD-10	Radio
11/8	12:09	13	AVL	39.732783	-121.654217	AVL	82 Grinding Rock Rd; structure protection; no civilians. Fire behind structures. Wind from NE, blowing down drainage								TD-207	TD
11/8	12:09	18	AVL	39.732763	-121.653864	AVL	door-to-door to confirm all structures empty				×				TD-205	TD
11/8	12:10	0	Radio Log	39.741198	-121.607737	TD	report of possible entrapment at Lanser Rd, going to attempt access, no resources						×		TD-110	TD
11/8	12:10	0	Inferred	39.752093	-121.607737	TD	no traffic, just a few random cars on Clark Rd			×					TD-100	TD
11/8	12:10	0	PPD-08	39.749268	-121.624149	Radio	26: "Got one from 5566 Logan Dr, en route to drop him off at Skyway and Foster Rd."						×		PPD-08	Radio
11/8	12:10	0	Photo	39.751800	-121.607732	Photo	no discernible traffic; only two cars south on Clark Rd north of Pearson Rd			×					TD-100	Photo
11/8	12:10	0	Photo	39.770053	-121.611512	Photo	no discernible traffic; SB Skyway			×					TD-055	Photo
11/8	12:10	0	Photo	39.770053	-121.611512	Photo	a few vehicles SB on Skyway and EB on Bille Rd at intersection			×					TD-055	Photo
11/8	12:11	0	PPD-08	39.741657	-121.588758	Radio	"If we're able to check 5326 Sawmill Rd, we have an elderly female that may not have gotten out."						×		PPD-08	Radio
11/8	12:11	5	AVL	39.736441	-121.593781	AVL	Timber is still burning good. Structure already burned to the ground. One structure collapsed in the road. Blocked by tree/debris; cleared with engine	×							TD-014	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	12:12	0	PPD video	39.755516	-121.626830	TD	drop off rescue at Skyway and Foster Rd; tell to get ride out. Minimal LE present at intersection						×		TD-070	TD
11/8	12:12	0	Radio Log	39.734258	-121.593790	TD	Oroville advises of similar call on Libby Rd, two calls, similar circumstances, unknown if related						×		TD-111	Radio Log
11/8	12:12	18	TD-070	39.746164	-121.638128	TD	P26 directing traffic at Skyway and Neal Rd; SB and NB lanes are crawling south; 2-1-2 = middle lane for emergency vehicles			×					TD-066	TD
11/8	12:12	112	Inferred	39.746177	-121.638191	TD	Skyway at Neal Rd is slow moving; contraflow on Skyway, middle lane open for emergency traffic			×					TD-070	TD
11/8	12:13	0	PPD-08	39.736619	-121.649181	Radio	56: “[...] and I are at Neal Rd at Marlee Ln, trying to get traffic into one lane, can’t go any farther, fire is up ahead of us.”			×					PPD-08	Radio
11/8	12:13	4	AVL	39.736450	-121.593817	AVL	trees blocking road; cut them up	×							TD-123	TD
11/8	12:13	10	Inferred	39.728859	-121.654222	Inferred	made it out of the trees in about 10 minutes			×					TD-300	TD
11/8	12:14	0	AVL	39.800317	-121.580733	AVL	Pepsi truck emptied, downed power lines		×	×					TD-009	TD
11/8	12:14	0	Radio Log	39.778385	-121.605641	TD	starting to shove cars off the road with vehicle; advise SO to have civilians stay in cars and drive south on Skyway and direct some off at Bille Rd and send them over toward Clark Rd and use the black [along Bille Rd] as our TRA; multiple TRA's with about 150 civilians; currently trapped at Wagstaff Rd and Skyway	×	×				×	TD-127	Radio Log	
11/8	12:14	0	AVL TD-015	39.777733	-121.589943	TD	face to face with [TD-015] at Kmart; a few hundred cars in parking lot; doing refuge along with people coming from Pentz Rd						×		TD-042	TD
11/8	12:14	76	Inferred	39.784823	-121.598382	TD	Rocky Ln and Skyway is clear now, no cars blocking			×					TD-042	TD
11/8	12:14	76	Inferred	39.790078	-121.591556	TD	rescue civilian from area of Skyway and Coldren Rd; fire in area, not impinging structures yet						×		TD-042	TD
11/8	12:14	76	Inferred	39.780594	-121.598300	TD	Rocky Ln to Wagstaff Rd to Skyway; no traffic on Rocky Ln			×					TD-042	TD
11/8	12:14	76	Inferred	39.777802	-121.590472	TD	Wagstaff Rd to Pentz Rd; no traffic			×					TD-042	TD
11/8	12:15	0	Photo	39.759509	-121.623908	Photo	no traffic on Elliott Rd; dark			×					TD-076	Photo
11/8	12:15	0	Photo	39.759509	-121.623908	Photo	eventually opened EB Elliott Rd when traffic from Elliott Rd died down			×					TD-076	TD
11/8	12:15	0	Photo	39.759489	-121.623676	Photo	no vehicles visible			×					TD-076	Photo
11/8	12:15	0	Photo	39.770381	-121.610885	Photo	no vehicles visible Bille Rd and Skyway			×					TD-055	Photo
11/8	12:15	0	Photo				radio “I don’t care who’s it is.” — “Copy. We’re going to get about 15 people in this vehicle and get it moving.”					×			TD-055	Photo
11/8	12:15	165	AVL E2185	39.656640	-121.660146	TD	Williams Rd; Stage Coach Rd; Cory Canyon Rd; advising residents to evacuate				×				TD-102	TD
11/8	12:16	0	AVL	39.800435	-121.580868	AVL	Pepsi truck, power lines real low; no traffic			×					TD-060	TD
11/8	12:16	12	AVL	39.803826	-121.583056	AVL	patrol and PA announcement, elderly people present; yelling at people to leave; they do start leaving; lots of civilians at Magalia Church				×	×		×	TD-079	TD
11/8	12:16	12	AVL	39.807420	-121.578595	AVL	lots of civilians at Magalia Church					×		×	TD-079	TD
11/8	12:17	0	Photo	39.746157	-121.638233	TD	stopped at Neal Rd; wind is blowing good; allowed past roadblock; abandoned cars in area	×							TD-050	TD
11/8	12:17	0	PPD-08	39.736913	-121.648907	Radio	“for information: 3000 block of Neal [Rd], flames almost to road, still gridlock on Neal [Rd].”			×					PPD-08	Radio
11/8	12:18	0	AVL	39.812774	-121.578409	AVL	LEO traffic control at Skyway and Coutolenc Rd; directing traffic north up Coutolenc Rd to evacuate			×		×			TD-009	TD
11/8	12:18	0	TD	39.775998	-121.590578	video	parking lot is mostly full							×	VTD-18	Photo

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11/8	12:18	2	Inferred	39.777768	-121.580543	TD	cables across Bille Rd and Wagstaff Rd, some concern about cutting the cables - don't cut them	×							TD-040	TD
11/8	12:19	8	AVL	39.807590	-121.579401	AVL	civilians on foot - declined a ride; not quite as smoky here. Mutual aid engines in the area				×	×			TD-009	TD
11/8	12:20	0	video	39.773391	-121.595609	TD	pick up woman with dogs, and take to CMA; other civilians are at the CMA					×	×	×	TD-111	TD
11/8	12:20	0	Inferred	39.738122	-121.647717	TD	already burning both sides of road; truck and utility trailer on fire; LE prevented further access	×							TD-050	TD
11/8	12:20	40	AVL TD-085	39.795258	-121.579648	TD-085 AVL	cut power lines	×							TD-040	TD
11/8	12:20	40	Inferred	39.796605	-121.579632	TD	cut power lines	×							TD-040	TD
11/8	12:20	40	Inferred	39.798118	-121.579640	TD	cut power lines	×							TD-040	TD
11/8	12:20	40	Inferred	39.800446	-121.580845	TD	Pepsi trailer	×							TD-040	TD
11/8	12:20	40	Inferred	39.812764	-121.578434	TD	cop directing traffic at Skyway and Coutolenc Rd			×					TD-040	TD
11/8	12:20	40	Inferred	39.814394	-121.584655	TD	no traffic on Skyway at the dam; no fire			×					TD-040	TD
11/8	12:20	40	Inferred	39.818367	-121.592372	TD	civilian stopping SB traffic on Skyway at Ponderosa	×		×					TD-040	TD
11/8	12:21	0	PPD-08				501,91: "You're going to be okay, traffic is flowing down Neal [Rd] again."			×					PPD-08	Radio
11/8	12:21	0	PPD-08				501: "Thank you yeah we're past most of the gridlock, we're one single lane and it's moving somewhat."			×					PPD-08	Radio
11/8	12:21	0	Photo	39.765296	-121.602584	Photo	3 vehicles 1 by 1 SB on Clark Rd; stragglers?			×					TD-101	Photo
11/8	12:22	0	PPD-08	39.784847	-121.598394	Radio	Chico 85: "Still bottlenecked [near Rocky Ln], fire approaching any updates on the traffic?"			×					PPD-08	Radio
11/8	12:22	0	PPD-08	39.781516	-121.602519	Radio	"Blockage is Skyway below Rocky Ln; crowning fire activity all to the west side, we need a ... up here if possible."			×					PPD-08	Radio
11/8	12:22	0	Photo	39.770450	-121.599766	Photo	no vehicles visible			×					TD-101	Photo
11/8	12:23	0	PPD-08	39.753848	-121.628688	Radio	S11: "Pearson [Rd] at Skyway, 4 lanes SB all moving through."			×					PPD-08	Radio
11/8	12:23	87	AVL	39.792706	-121.579473	AVL	lots of power lines down on Pentz Rd north of Dean Rd	×							TD-085	TD
11/8	12:24	0	PPD video	39.753782	-121.628527	PPD video	Pearson Rd and Skyway, 4 lanes SB all moving			×					TD-074	TD
11/8	12:24	0	Radio Log	39.769966	-121.612153	TD	[TD-127] requested 2 school buses, came up Skyway to get people; forced people to take buses and leave vehicles behind to avoid traffic jams; laid out glow sticks to lead people to the buses, 98 civilians total. Still 15 to 20 people left inside Walgreens. Told drivers not to stop.					×		×	TD-055	TD
11/8	12:24	0	Radio Log	39.777646	-121.606300	Radio Log	Loading civilians from TRA onto bus and I'm going to send them down to Bille Rd (Walgreens) TRA; fire is on Skyway at both Wagstaff Rd and Bille Rd.					×		×	TD-127	Radio Log
11/8	12:25	0	Radio Log	39.730504	-121.593577	AVL	coordination with Squad 81 about where the rescues on the quad are, somewhere between end of South Libby Rd and Edgewood Ln; summon Squad 81 to Libby Rd						×		TD-014	Radio Log
11/8	12:25	0	Inferred	39.770122	-121.612039	TD	Walgreens TRA already active; with [TD-101]							×	TD-100	TD
11/8	12:25	0	PPD-08	39.781516	-121.602519	Radio; video TD-055	503(ButteCo): "Chico86, air assets are not going to make it out, they advise you to abandon your vehicles and shelter in place."			×		×		×	PPD-08	Radio
11/8	12:25	0	PPD-08	39.781516	-121.602519	Radio	Chico86: "Copy that; fire is approaching but traffic is starting to move."			×					PPD-08	Radio
11/8	12:25	0	PPD-08	39.714572	-121.611551	Radio	"Just took Clark [Rd] south from Pearson [Rd]. I made it past the airport, it clears up, it's barely passable but that was just a few minutes ago."			×					PPD-08	Radio
11/8	12:25	0	Photo	39.707687	-121.530550	Photo	several onlookers at the overlook CA-70			×					TD-108	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	12:26	0	PPD video	39.747809	-121.607716	TD	re-open SB Clark Rd to traffic; reroute Pearson Rd traffic			×					TD-065	TD
11/8	12:26	0	PPD-08	39.752246	-121.608810	Radio	"If that's the case [Clark Rd is passable past the airport] I'm going to start turning the Pearson [Rd] traffic around that is headed toward Skyway and send them back to Clark [Rd]."			×		×			PPD-08	Radio
11/8	12:26	0	PPD-08	39.740293	-121.645545	Radio	3825 Neal Rd, one subject refusing to leave				×	×			PPD-08	Radio
11/8	12:26	3	AVL	39.739314	-121.646204	AVL	civilians in shorts walking with dogs; traffic and trailers in the way on Neal Rd			×		×			TD-128	TD
11/8	12:27	0	AVL	39.732813	-121.651017	AVL	Neal Rd was packed with traffic			×					TD-206	TD
11/8	12:27	0	Radio Log	39.770356	-121.612296	Radio Log	"Buses are mitigating [Wagstaff Rd/Skyway] TRA issue; still one active TRA with 60 to 70 civilians at Walgreens, going to try and evacuate that."					×		×	TD-127	Radio Log
11/8	12:27	0	PPD-08	39.765007	-121.602948	video	traffic light at Clark Rd and Central Park Dr is operating			×					PPD-08	video
11/8	12:27	0	PPD-08	39.721894	-121.659318	Inferred	"SB Neal [Rd] at...outside the town limits, it's moving pretty well now, there's fire to the west of us but we're fine. I have a young lady named [...]. She had to walk out because [...] I'm in my squad car."			×		×			PPD-08	Radio
11/8	12:27	37	AVL	39.731583	-121.593500	AVL	park here; go out on quads for rescue of 2 burn victims						×		TD-123	TD
11/8	12:27	37	AVL	39.724088	-121.594940	TD	trees on fire; riding quads out to burn victims (burned clothes and significant burns). Jump start second quad, ride back to engine						×		TD-123	TD
11/8	12:28	0	PPD-08	39.759516	-121.606638	video	traffic light at Clark Rd and Elliott Rd is red flash; visibility bad, zero			×					PPD-08	video
11/8	12:28	0	PPD-08	39.755904	-121.607436	video	traffic light at Clark Rd and Nunneley Rd is red flash, visibility 0 ft to 50 ft [15 m]			×					PPD-08	video
11/8	12:29	0	PPD video	39.746008	-121.638036	TD	Neal Rd shut to SB traffic due to fire	×							TD-070	TD
11/8	12:29	0	PPD-08	39.729943	-121.652728	Radio	501: "We're probably one of the last vehicles to get through, fire was right up against the road just inside the town limits."			×					PPD-08	Radio
11/8	12:29	0	PPD-08	39.752232	-121.612651	video	traffic light at Pearson Rd and Recreation Dr are red flash			×					PPD-08	video
11/8	12:29	0	PPD-08	39.752236	-121.614819	video	Pearson Rd WB backed up to here (Mallan Ln) 3 lanes wide			×					PPD-08	video
11/8	12:29	0	PPD-08	39.746092	-121.638095	Radio	"Do not send any more cars down Neal Rd at Skyway."			×					PPD-08	Radio
11/8	12:29	0	PPD-08	39.752206	-121.617280	video	multiple LEO directing traffic at Pearson Rd and Academy Dr to maintain one open lane on Pearson Rd; Pearson Rd drops to two lanes WB; visibility good			×					PPD-08	video
11/8	12:29	0	PPD-08				checking for pedestrians on lower Neal Rd				×				PPD-08	Radio
11/8	12:29	0	Photo	39.605312	-121.615323	Photo	no vehicles visible			×					TD-137	Photo
11/8	12:29	5	AVL	39.784374	-121.578513	AVL	Beyond Fitness on Pentz Rd [to get 3 POV]; usher 3 civilian POV to Kmart					×		×	TD-015	AVL, Inferred
11/8	12:30	0	AVL	39.746160	-121.638002	AVL	at Neal Rd and Skyway; 4 lanes SB on Skyway			×					TD-205	TD
11/8	12:30	0	AVL	39.746617	-121.636850	AVL	BCSO is at Neal Rd and Skyway; 5 lanes of Skyway are SB. BCSO walked ahead of strike team to clear center lane to let us pass			×					TD-128	TD
11/8	12:30	0	Radio Log	39.777627	-121.606305	Radio Log	sporadic traffic coming through Skyway; scooping people up and getting them out of the TRAs; fire heavily impacting Skyway near Wagstaff Rd trying to hold it with engines to evacuate			×		×		×	TD-127	Radio Log
11/8	12:30	0	PPD-08	39.752423	-121.624504	video	LE at Pearson Rd and Black Olive Dr; traffic light is red flash; dark as night; visibility good			×					PPD-08	video
11/8	12:30	0	TD	39.777734	-121.590631	video	traffic light at Wagstaff Rd and Clark Rd is red flash; no vehicles on Clark Rd			×					VTD-18	Photo
11/8	12:30	30	Inferred	39.783505	-121.600093	TD	reach pocket of unburned area; encounter 25 civilians inside high-centered bus; fire closing in both sides of road					×	×	×	TD-127	TD

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11/8	12:30	30	Inferred	39.783505	-121.600093	TD	put civilians into random cars and into pickup beds; pit bulls getting into fights; LMU escorts to Walgreens					×	×	×	TD-127	TD
11/8	12:30	30	Inferred	39.777623	-121.617006	TD	trees, power lines, power poles down on Wagstaff Rd	×							TD-100	TD
11/8	12:30	30	Inferred	39.770380	-121.612823	TD	abandoned vehicles on Bille Rd	×							TD-100	TD
11/8	12:31	0	AVL	39.746236	-121.637832	AVL	all four lanes SB on Skyway; LE present directing traffic; completely black out			×					TD-207	TD
11/8	12:32	2	TD	39.777734	-121.590631	video	pitch black; constant explosions in distance, traffic light red flash, no traffic; parking lot is full, vehicles parked in medians off pavement; breezy						×		VTD-18	video
11/8	12:33	0	AVL	39.749044	-121.633527	AVL	had to navigate around center island on Skyway; 4 lanes SB; we are driving NB in center lane			×					TD-205	TD
11/8	12:33	0	Radio Log	39.737834	-121.593800	TD	arrive to end of South Libby Rd and stage, blocked by power lines; power lines are confirmed dead by Branch 2, start cutting with bolt cutters or K12 saw	×							TD-111	TD
11/8	12:33	32	AVL TD-123	39.737834	-121.593800	TD	staged at end of S Libby Rd for [TD-014] to bring out the burn victims; all structures on fire in this area						×		TD-111	TD
11/8	12:36	0	Radio Log	39.730504	-121.593577	AVL	shuttling FF in to burn victims using quad, request medics meet at Clark Rd and Pearson Rd						×		TD-014	Radio Log
11/8	12:36	0	Radio Log	39.748773	-121.593964	Radio Log	another medical needing transport is at Station 82						×		TD-014	Radio Log
11/8	12:36	0	Photo	39.741017	-121.606229	Photo	report of civilian trapped at 1105 Lanser Dr; engine en route to location						×		TD-130	Photo
11/8	12:36	2	video	39.740809	-121.608013	video	no other traffic on Clark Rd between Buschmann Rd and Old Clark Rd; no powerline problems observed			×					VTD-15	video
11/8	12:36	42	AVL	39.729796	-121.658576	AVL	fire was bumping up to barn; check if residents are home; clean up around barn, topple over tree on fire; defended structures				×				TD-092	TD
11/8	12:38	0	Photo	39.752280	-121.607769	Photo	2 vehicles SB to Clark Rd from EB Pearson Rd, too dark/smoky to see if backed up on Pearson Rd, no vehicles visible			×					TD-130	Photo
11/8	12:38	92	Inferred	39.647632	-121.652726	TD	told to escort 5 buses up to town, but the buses go ahead					×			TD-108	TD
11/8	12:39	0	Photo	39.698435	-121.530496	Photo	no vehicles visible			×					TD-136	Photo
11/8	12:39	0	Photo	39.698895	-121.530534	Photo	no vehicles visible			×					TD-136	Photo
11/8	12:39	0	Photo	39.700211	-121.530221	Photo	2 vehicles WB			×					TD-137	Photo
11/8	12:40	0	AVL	39.752307	-121.630057	AVL	Skyway is 4 lanes SB			×					TD-200	TD
11/8	12:40	0	TD	39.662146	-121.738907	video	NB CA-99 near Neal Rd, stop and go; SB CA-99 is flowing; 2 mi [3.2 km] in last hour			×					VTD-17	video
11/8	12:40	0	Photo	39.707018	-121.530596	Photo	no vehicles visible			×					TD-137	Photo
11/8	12:41	0	Photo	39.714439	-121.521963	Photo	no vehicles visible			×					TD-136	Photo
11/8	12:43	0	AVL TD-205	39.753839	-121.628640	TD	Pearson Rd WB is feeding into Skyway SB			×					TD-066	TD
11/8	12:44	0	Radio Log	39.769961	-121.612124	TD	requesting additional bus to Walgreens					×	×		TD-055	Radio Log
11/8	12:44	0	Radio Log	39.770109	-121.612137	Radio Log	ST9121C [may be 9120C]: "Requesting additional bus to Walgreens."					×	×		TD-127	Radio Log
11/8	12:44	0	Radio Log	39.783684	-121.600021	TD	bus is high-centered	×	×						TD-127	Radio Log
11/8	12:44	0	Radio Log	39.772911	-121.611144	Radio Log	sporadically fighting fire to hold the Skyway to keep getting people down from the Magalia side to bring them to the TRA at Walgreens which we are defending; shuttling them out with buses; I have 9220C, 9120C [may be 9121C], and several Chico engines					×	×		TD-127	Radio Log
11/8	12:44	0	Radio Log	39.363518	-121.685873	Radio Log	Walk-in with 10% to 15% 3rd degree burns to head and neck; patient walked into FS 74					×			Radio Log	Radio Log

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11/8	12:44	0	video	39.714643	-121.611293	video	Clark Rd SB at Good View Dr; vehicle accident has occurred; heavy fire on Good View Dr, structures burning; visibility poor, dark smoky			×					VTD-06	video
11/8	12:45	0	Inferred	39.754849	-121.627688	TD	traffic is creeping south, stopping for 5 minutes at a time			×					TD-026	TD
11/8	12:45	0	Inferred	39.746087	-121.638036	TD	instructed not to use Neal Rd SB because emergency traffic was coming up to town			×					TD-026	TD
11/8	12:45	0	Inferred	39.746632	-121.645750	TD	pole and pine tree blocking 3/4 of southbound lanes; traffic jammed; 45 minutes to travel 100 yd [90 m]	×		×					TD-026	TD
11/8	12:45	15	Inferred	39.741245	-121.655191	TD	some people trying to get back over to SB lanes at the crossroad			×					TD-026	TD
11/8	12:45	15	Inferred	39.705447	-121.732710	TD	sheriff preventing traffic from NB lanes to rejoin SB lanes			×					TD-026	TD
11/8	12:45	15	Inferred	39.714892	-121.795355	TD	return to SB lanes at the Home Depot intersection, Notre Dame Blvd			×					TD-026	TD
11/8	12:45	15	Inferred	39.619612	-121.691528	TD	very little NB traffic on CA-99; ramp to CA-99 was blocked south of Chico turning back to CA-149 and CA-99 S	×		×					TD-026	TD
11/8	12:45	15	Inferred	39.605896	-121.690487	TD	NB CA-99 south of CA-149 was backed up			×					TD-026	TD
11/8	12:45	118	Inferred	39.753801	-121.624520	TD	PPD is empty; 15 people sheltering in Station 81 with Lieutenant						×		TD-066	TD
11/8	12:46	0	Radio Log	39.770168	-121.612364	Radio Log	advise crew to offload and put inmates to work on Walgreens at Skyway and Bille Rd							×	TD-127	Radio Log
11/8	12:47	42	Inferred	39.755999	-121.597343	TD	encounter 2 civilians and call for an engine to pick them up [exact location and time unknown]					×	×		TD-129	TD
11/8	12:48	0	Inferred	39.747683	-121.593784	Inferred	power lines get wrapped around axle; all structures burning; rescue civilian woman dumping water on herself						×		TD-020	TD
11/8	12:48	0	Radio Log	39.758350	-121.570086	TD	take civilian (woman) to FRH helispot					×	×		TD-020	TD
11/8	12:49	2	AVL	39.737383	-121.612800	AVL	cut power lines on Clark Rd; still some evacuation going on	×							TD-130	TD
11/8	12:50	0	AVL TD-205	39.762606	-121.622111	TD	strike team comes up Skyway; moved one lane over car-by-car to allow them to pass (strike team was mostly on the roadway not the sidewalk)			×					TD-036	TD
11/8	12:51	2	AVL	39.738450	-121.612233	AVL	cut power lines on Clark Rd; still some evacuation going on	×							TD-130	TD
11/8	12:51	3	AVL	39.730564	-121.529593	AVL	pick up older woman in the street from house across from school; [TD-013] takes her into truck						×		TD-062	TD
11/8	12:53	0	AVL	39.780467	-121.589150	AVL	rescue lady in wheelchair and her husband from the middle of Clark Rd at Jones Ln. Fire all around. Take to Kmart.						×	×	TD-015	TD
11/8	12:54	0	AVL x	39.739270	-121.611080	TD	hear that road is opened up; vehicles from Best Western can be evacuated			×				×	TD-211	TD
11/8	12:54	0	Photo	39.857961	-121.954768	Photo	no vehicles visible			×					TD-141	Photo
11/8	12:54	0	Photo	39.856561	-121.953759	Photo	1 vehicle NB			×					TD-141	Photo
11/8	12:55	0	Radio Log	39.773213	-121.632333	Radio Log	hear on radio of civilians trapped at Bille Park						×	×	TD-112	TD
11/8	12:55	0	AVL WAR2	39.770168	-121.612364	AVL WAR2	WAR [Washington Ridge] crews arrived and took civilians into crew buses and evacuated them down Skyway							×	TD-127	TD
11/8	12:55	5	AVL	39.777657	-121.606202	AVL	at Skyway and Wagstaff Rd			×					TD-205	TD
11/8	12:55	5	AVL	39.741283	-121.607000	AVL	1101 Lanser Dr / 5330 Clark Rd [recover 2 elderly fatalities from structure; structure 1/2 involved]						×		TD-208	TD
11/8	12:55	16	Inferred	39.773213	-121.632333	TD	locate civilians in Bille Park and escort them out [with help from another person]					×	×		TD-112	TD
11/8	12:55	16	Inferred	39.770404	-121.618347	TD	visibility along Bille Rd is poor; people didn't want to drive, weren't sure of way out until escorted					×			TD-112	TD
11/8	12:55	27	AVL WAR4	39.769825	-121.612454	AVL WAR4	emptied crew bus, filled one with remaining civilians					×		×	TD-055	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	12:56	62	AVL	39.800954	-121.598777	AVL	door-to-door to civilians in area				×				TD-060	TD
11/8	12:57	3	AVL	39.741383	-121.606783	AVL	1101 Lanser Dr or 5330 Clark Rd; house is gone; status of civilian unknown						×		TD-130	TD
11/8	12:58	0	Photo	39.646683	-121.738083	Photo	no vehicles visible			×					TD-120	Photo
11/8	13:00	0	AVL	39.748663	-121.581145	AVL	attempt to access Feather River Hospital via Pearson Rd; cables, lines, poles, cars all in road; cannot pass; do not cut lines	×	×						TD-210	TD
11/8	13:00	0	PPD video	39.740327	-121.608718	TD	follow huge group of cars down Clark Rd			×		×			TD-035	TD
11/8	13:00	0	Inferred	39.748545	-121.626615	TD	traffic stops coming from Buschmann Rd			×					TD-064	TD
11/8	13:00	0	Inferred	39.777720	-121.588311	TD	pull down low hanging power lines	×							TD-021	TD
11/8	13:00	0	Inferred	39.776835	-121.590431	TD	Kmart TRA; full of vehicles, no other engines							×	TD-021	TD
11/8	13:00	0	TD	39.668878	-121.627000	TD	assisted with evacuations in Butte Valley				×	×			TD-019	TD
11/8	13:00	0	Inferred	39.707155	-121.790848	TD	drop off civilians at Neighborhood Church (dome church)							×	TD-049	TD
11/8	13:00	0	Inferred	39.814830	-121.601549	TD	on PA through Magalia instruction to evacuate north; block-party-type atmosphere, people all outside chatting and filming; did not see LE, other engines				×				TD-040	TD
11/8	13:00	0	TD	39.665720	-121.743898	TD	made it to CA-99			×					TD-300	TD
11/8	13:00	5	AVL	39.776067	-121.590017	AVL	drop off rescued couple at Kmart to other civilian							×	TD-015	TD
11/8	13:00	11	AVL	39.782894	-121.600872	AVL	lots of vehicles in roadway and pulled off roadway; cars are unburned; bus is stuck, but unburned; dense smoke	×		×					TD-205	TD
11/8	13:00	60	Inferred	39.728160	-121.612832	TD	engines did not know fire conditions south; TD-035 would try to go down Clark Rd and return if impassable; made it through								TD-035	TD
11/8	13:00	60	Inferred	39.714664	-121.611201	TD	pickup truck off the road; very smoky		×	×					TD-035	TD
11/8	13:00	60	Inferred	39.602805	-121.618740	TD	Clark Rd was flowing fine until reaching traffic at CA-70			×					TD-035	TD
11/8	13:00	60	Inferred	39.728993	-121.704223	TD	vehicles are still evacuating Honey Run Rd			×		×			TD-117	TD
11/8	13:00	60	Inferred	39.721809	-121.660078	video	no other cars or people on Neal Rd			×					VTD-05	video
11/8	13:00	120	TD	39.770483	-121.621767	TD	drive around and pick up people from Bille Rd area, west of Skyway; people at home, people walking, people without vehicles, older folks, kids, etc.; house to house, drop people off at Walgreens						×	×	TD-100	TD
11/8	13:00	390	TD	39.721413	-121.541900	TD	assigned to prep and defend [11357 Nelson Bar Rd]; wind calm; homeowner present								TD-137	TD
11/8	13:00	390	Inferred	39.721979	-121.536361	TD	11489 Stage Coach Ln was prepared by someone else, and homeowner was there at some point								TD-138	TD
11/8	13:01	0	Radio Log	39.733647	-121.593752	Radio Log	“Squad 81 is transporting 2 burn victims from Edgewood [Ln] to the medics.”						×		TD-014	Radio Log
11/8	13:01	0	AVL	39.781840	-121.602229	AVL	abandoned cars on 2 lane part of Skyway; bus and semi blocking part of road; LMU strike team is ahead of us.	×	×						TD-200	TD
11/8	13:01	10	AVL	39.746033	-121.607767	AVL	Clark Rd at Village Parkway [meet with PD to hand off fatalities]						×		TD-208	TD
11/8	13:01	50	AVL	39.788123	-121.576972	TD	1836 Apple View Way; resident defended								TD-084	TD
11/8	13:02	0	Radio Log	39.769881	-121.611797	Radio Log	TRA still operating at Walgreens at Bille Rd and Skyway							×	TD-127	Radio Log
11/8	13:04	0	AVL	39.724088	-121.594940	AVL	Squad 81 takes burn victims; TD-123 takes woman to Station 82						×		TD-123	TD
11/8	13:05	0	TD-200	39.797961	-121.585160	TD	engine arrives from south (LMU?); let about 10 cars leave TRA; second engine arrives and says to stop sending people; engines stay for 5 minutes	×		×		×	×		TD-041	TD
11/8	13:08	0	AVL	39.783484	-121.587381	AVL	large powerline down; blocking roadway	×							TD-015	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	13:09	3	AVL	39.803661	-121.582198	AVL	3 civilians under the influence wandering into fire, would not evacuate				×				TD-079	TD
11/8	13:10	0	TD-076	39.759503	-121.612570	TD	older man arrived at intersection, informed about fire at cemetery; so went to Holiday Market to get away from fire					×	×		TD-071	TD
11/8	13:10	0	Inferred	39.753690	-121.607734	TD	visibility zero, can't see, heavy fire; so, turn around and head back NB on Clark Rd	×							TD-021	TD
11/8	13:10	50	Inferred	39.763073	-121.620421	TD	civilians walking; identify Holiday Market as safety zone					×	×		TD-076	TD
11/8	13:10	50	AVL TD-086				up Pentz Rd, just south of reservoir; traffic two lanes downhill, had to drive up shoulder			×					TD-121	TD
11/8	13:10	90	TD-076	39.763076	-121.620255	TD	FF sent us to Holiday Market parking lot as TRA; 20 civilians, multiple disabled civilians, horse					×	×		TD-071	TD
11/8	13:11	0	Radio Log	39.777738	-121.590653	Radio Log	"Requesting medic to Wagstaff [Rd] and Clark [Rd] for a vehicle rollover."					×			TD-009	Radio Log
11/8	13:11	0	Radio Log	39.773213	-121.632333	Radio Log	"Bille Park is clear; moving civilians to Walgreens."					×	×		TD-112	Radio Log
11/8	13:11	0	Inferred	39.777618	-121.606340	TD	traffic on Skyway is none to light at this point			×					TD-112	TD
11/8	13:11	23	AVL	39.748700	-121.593783	AVL	Station 82 — drop off woman					×			TD-123	TD
11/8	13:11	82	AVL	39.647329	-121.634483	AVL	Two round-trip shuttles to lead groups of civilians out down Clark Rd					×			TD-208	TD
11/8	13:12	0	AVL	39.759517	-121.604150	AVL	pick up 2 civilians; super smoky; structures in area had burned					×	×		TD-210	TD
11/8	13:12	40	AVL	39.788243	-121.578347	AVL	homeowner at end of Apple View Way; only civilian								TD-089	TD
11/8	13:15	0	AVL	39.750721	-121.576646	AVL	conditions on Pearson Rd very difficult, "impassible with anything but a pickup"	×	×	×					TD-014	TD
11/8	13:15	0	PPD video	39.759514	-121.623843	TD	suddenly all traffic cleared quickly			×					TD-033	TD
11/8	13:15	0	TD	39.772207	-121.607835	TD	downed tree/utility pole on fire blocking roadway	×							TD-011	TD
11/8	13:15	0	TD	39.755817	-121.617097	TD	active structure fires; slow driving, power lines down	×							TD-021	TD
11/8	13:15	4	AVL	39.787133	-121.594650	AVL	Road blocked with abandoned vehicles; most did not have keys and could not be moved; Turned around on Skyway to head SB; cars are beginning to ignite - very hot	×							TD-205	TD
11/8	13:15	15	TD	39.764868	-121.603000	TD	no traffic on Clark Rd			×					TD-011	TD
11/8	13:16	0	AVL	39.787283	-121.594467	AVL	fire activity intense on both sides of road; road blocked with vehicles; LMU(?) strike pushing vehicles with engines	×							TD-207	TD
11/8	13:16	0	AVL	39.787117	-121.594800	AVL	no traffic: road is blocked ahead (to north); bus and abandoned vehicles on Skyway. power lines down. Both sides on fire; uncontrollable fires, on way up Skyway;	×	×	×					TD-128	TD
11/8	13:16	0	Radio Log	39.720423	-121.611346	AVL HCTRI	power pole or line across Clark Rd blocking access for a strike team	×							TD-110	Radio Log
11/8	13:17	2	AVL	39.755365	-121.607103	AVL	building on fire; civilian asks us to defend, but we have no water								TD-130	TD
11/8	13:19	6	AVL	39.777700	-121.579567	AVL	Escort civilian to Wagstaff Rd. No traffic or cars on Pentz Rd. Cutting power lines with axes; difficult to cut with bolt cutters.					×			TD-045	TD
11/8	13:20	0	AVL	39.773454	-121.610840	PPD video	big tree [obstruction, likely power lines/power pole] across Skyway	×							TD-030	TD
11/8	13:20	0	Inferred	39.753849	-121.628635	TD	left when there was no more heavy traffic; not bumper to bumper			×					TD-034	TD
11/8	13:20	0	Inferred	39.749067	-121.633519	TD	got stuck in traffic island at Town Hall	×		×					TD-032	TD
11/8	13:20	0	Inferred	39.746640	-121.644891	TD	power pole down at the Skyway split	×							TD-034	TD
11/8	13:20	27	TD-014	39.758358	-121.570083	TD	50 patients or civilians on helipad, SO shuttling people off the hill [TD-014]					×	×		TD-069	TD
11/8	13:21	0	Photo	39.650966	-121.726370	Photo	no vehicles visible			×					TD-142	Photo
11/8	13:22	0	AVL WAR4	39.769922	-121.611727	AVL	crew bus departs Walgreens with civilians to Chico Fairgrounds					×	×		TD-014	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	13:22	0	AVL	39.727509	-121.655504	AVL	traffic has cleared off Neal Rd at Wayland Rd			×					TD-092	TD
11/8	13:22	0	PPD-13	39.798074	-121.585172	video	civilians outside on concrete parking area of Optimo TRA; dozens of vehicles parked in roadway	×						×	PPD-13	video
11/8	13:22	0	Twitter	39.666212	-121.739968	Photo	two lanes traffic SB on Neal Rd at CA-99, backed up the hill as far as can see			×					VTD-01	Twitter
11/8	13:22	2	AVL	39.795661	-121.584888	AVL	Clark Rd at Cabernet Ln; encounter gridlock	×		×					TD-015	TD
11/8	13:23	0	Radio Log	39.748125	-121.609620	Radio Log	ECC advising multiple calls for entrapment at 1040 Buschmann Rd; Paradise Garden Senior Apartments, multiple units still occupied with fire in the building						×		TD-014	Radio Log
repeat 11/8	13:23	0	Radio Log	39.748140	-121.609663	Radio Log	ECC advising multiple calls for entrapment at 1040 Buschmann Rd; Paradise Garden Senior Apartments, multiple units still occupied with fire in the building						×		TD-112	Radio Log
11/8	13:23	0	Radio Log	39.748250	-121.609524	Radio Log	ECC advising multiple calls for entrapment at 1040 Buschmann Rd; Paradise Garden Senior Apartments, multiple units still occupied with fire in the building						×		TD-110	Radio Log
11/8	13:23	0	Photo	39.798039	-121.585153	Photo	TRA; approximately 68 people visible							×	TD-127	Photo
11/8	13:23	0	Photo	39.785690	-121.597071	Photo	no vehicles visible; heavy fire			×					TD-205	Photo
11/8	13:24	0	AVL	39.796700	-121.582583	AVL	Gate Ln is blocked with cars, maybe people inside, 1 civilian present	×							TD-009	TD
11/8	13:24	0	Photo	39.745959	-121.640841	Photo	Skyway SB slow cluster of vehicles in NB lanes			×					TD-034	Photo
11/8	13:24	136	AVL	39.780967	-121.681183	AVL	Doe Mill Rd at Wilder Dr; no fire up on ridge; 15 to 20 homeowners present discussing evacuations and preparations				×	×			TD-012	TD
11/8	13:25	0	Radio Log	39.748140	-121.609663	Radio Log	"1040 Buschmann Rd; 3 complexes well involved, making sure they are evacuated."						×		TD-112	Radio Log
11/8	13:25	8	Inferred	39.748140	-121.609663	TD	see older person pushing shopping cart, totally out of it								TD-112	TD
11/8	13:25	8	Inferred	39.748140	-121.609663	Radio Log	"1040 Buschmann Rd; door to door searching for trapped person; didn't find anyone."						×		TD-112	TD
11/8	13:25	8	TD-112	39.748227	-121.608890	TD	report of possible entrapment at apartments on Buschmann Rd; arrive quickly to false alarm; [TD-112] is already there						×		TD-110	TD
11/8	13:25	8	TD-112	39.749167	-121.610822	TD	checked Atria assisted living, already evacuated					×			TD-110	TD
11/8	13:26	0	TD	39.775339	-121.591623	video	SW portion of parking lot totally empty, no people, vehicles							×	VTD-18	video
11/8	13:27	0	Radio Log	39.798250	-121.585384	Radio Log	Optimo TRA with 200 people, big traffic jam; heavy fire conditions							×	TD-127	Radio Log
11/8	13:27	0	Radio Log	39.786185	-121.596367	Radio Log	"Skyway from Wagstaff Rd to Clark Rd is clear of civilians; attempting to hold Skyway as evacuation route and putting out all vehicles on fire; strike team is on the way."			×	×				TD-127	Radio Log
11/8	13:27	0	Radio Log	39.797205	-121.585451	Radio Log	IC: "3 to 4 buses with USFS E72 escorting heading to Clark [Rd] and Skyway."					×			TD-127	Radio Log
11/8	13:29	0	Radio Log	39.810002	-121.592384	Radio Log	"we need evacuation orders for Cumberland [Rd] to Coutolenc [Rd] on Skyway; Numerous structures involved off Andover and lower Magalia" [note: Magalia zones were issued evacuation orders at 08:49 via IC and before 09:30 via CodeRed.]				×				TD-061	Radio Log
11/8	13:29	0	Photo	39.785302	-121.597692	Photo	no vehicles visible; heavy fire			×					TD-205	Photo
11/8	13:29	0	Photo	39.785283	-121.597727	Photo	no vehicles visible; heavy fire			×					TD-205	Photo
11/8	13:29	0	Photo	39.785283	-121.597727	Photo	no vehicles visible; heavy fire			×					TD-205	Photo
11/8	13:29	5	AVL	39.784373	-121.578907	AVL	re-visit gym TRA; cars are gone. Gym and school are burned to the ground							×	TD-009	TD
11/8	13:30	0	TD	39.744499	-121.649934	TD	south of Skyway Crossroad traffic opened up to full speed; contraflow lanes were faster than regular lanes; people trying to get back over to normal SB lanes; people slowing to take pictures			×					TD-034	TD
11/8	13:30	0	Inferred	39.753746	-121.624623	TD	10 civilians sheltering at Station 81; Squad 81 has 2 additional civilians (from Edgewood Ln); fire has burned around area of station							×	TD-021	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	RD Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	13:30	30	TD	39.753862	-121.628646	TD	Pearson Rd cleared before Skyway; still LE at intersection			×					TD-011	TD
11/8	13:30	30	TD	39.753862	-121.628646	TD	Skyway clears not long after Pearson Rd			×					TD-011	TD
11/8	13:30	30	Inferred	39.752008	-121.607382	TD	no more civilians remaining at Ace Hardware; PD and medics still here						×		TD-020	TD
11/8	13:30	30	video	39.817703	-121.592034	video	evacuated to Rite Aid; 6 vehicles plus 2 from videographer visible; 4 people total visible, south side of Rite Aid; otherwise, empty; 6 vehicles visible that are still there after the fire (drone imagery) [time estimated from shadow calculation]					×	×		VTD-31	video
11/8	13:30	33	AVL	39.725775	-121.539387	AVL	Two civilians left packing up; they would leave when told				×	×			TD-031	AVL, TD, Inferred
11/8	13:30	40	TD-046, TD-108	39.692825	-121.615790	TD-046	buses went back up Clark Rd but couldn't get through	×				×			TD-054	TD
11/8	13:33	0	AVL	39.800494	-121.580772	AVL	Pepsi truck parked at Pentz Rd and Skyway. Driving around power lines; WT33 driving through power lines and ripping them down when they get caught on him.	×							TD-045	TD
11/8	13:33	0	Inferred	39.740967	-121.607544	TD	flagged down and sent back to Lanser Dr, finds retired FF there, says he will stay						×		TD-110	TD
11/8	13:33	8	AVL TD-209	39.748644	-121.580940	TD	power lines down blocking Pearson Rd; NEU engine arrived and started cutting lines and poles out of street	×							TD-112	TD
11/8	13:33	10	AVL	39.646889	-121.634126	AVL	take civilians to gas station at Durham-Pentz Rd; people trying to get into town NB being turned around			×		×			TD-210	TD
11/8	13:34	0	AVL	39.808062	-121.577134	AVL	no traffic on Skyway, no fire on west of Skyway			×					TD-045	TD
11/8	13:34	24	AVL	39.782470	-121.601489	AVL	staged at Skyway and Firland Drive; intense fire all around; multiple structures fully involved along Skyway - had to pull back; visibility < 75 ft [23 m]							×	TD-205	TD
11/8	13:35	0	video	39.748650	-121.581417	video	engine is tangled in power lines; 3 to 6 civilian vehicles WB waiting for us to cut lines	×		×		×			TD-130	video
11/8	13:35	0	Inferred	39.798251	-121.585302	TD	civilians in parking lot, not inside building; one engine at Optimo							×	TD-042	TD
11/8	13:35	15	AVL	39.805267	-121.598633	TD	evacuation notification on South Park Dr; telling civilians to drive to Sterling City. Still 1 to 2 people on each street					×			TD-045	TD
11/8	13:36	0	Radio Log	39.758244	-121.571631	AVL	45 to 50 patients and people total in the helispot, SO shuttling some down in vehicles; hospital building well involved, beginning to threaten the main hospital						×	×	TD-014	Radio Log
11/8	13:36	0	Photo	39.798054	-121.585024	Photo	approximately 20 vehicles abandoned/parked on Skyway; 2 lanes SB, north of Fastrrip		×	×					TD-127	Photo
11/8	13:37	65	AVL	39.818278	-121.599411	AVL	patrolling Magalia w/ PA (see approximately 20 to 30 civilians); people had evacuated to Rite Aid/Church, probably 50 to 60 people (via radio)				×			×	TD-079	TD
11/8	13:40	0	AVL				until this point in the day all effort on evacuations and life safety; begin driving around town to see what was still standing and what was left to protect					×			TD-015	TD
11/8	13:40	0	Inferred	39.711427	-121.774707	TD	contraflow merged back into regular lanes			×					TD-034	TD
11/8	13:40	0	Photo	39.798236	-121.585422	Photo	approximately 46 people visible (at least 79 total at Optimo)							×	TD-075	Photo
11/8	13:40	0	Photo	39.798236	-121.585422	Photo	approximately 30 people visible (at least 79 total at Optimo)							×	TD-075	Photo
11/8	13:40	0	Photo	39.798236	-121.585422	Photo	approximately 3 people visible (at least 79 total at Optimo)							×	TD-075	Photo
11/8	13:41	0	Photo	39.748654	-121.582427	Photo	road blocked by multiple power poles; cars in road AV002, AV058, AV059, AV060		×						TD-209	Photo
11/8	13:41	0	Photo	39.770772	-121.612100	Photo	no vehicles visible			×					TD-055	Photo
11/8	13:41	0	Photo	39.748628	-121.582349	Photo	cars in road AV061, AV062			×					TD-209	Photo
11/8	13:41	17	AVL	39.748617	-121.582217	AVL	unburned vehicles; power poles down (domino effect) on top of vehicles and blocking road; we cut up electric poles and lines	×							TD-209	TD
11/8	13:45	20	AVL	39.605987	-121.622284	AVL	drive up Clark Rd is fine; traffic is clear			×					TD-122	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source	
11/8	13:46	0	Photo	39.750432	-121.577694	Photo	3 vehicles WB on Pearson Rd at Hilbe Rd AV007, AV008, AV009, AV143		×	×						TD-130	Photo
11/8	13:46	0	Photo	39.797817	-121.585270	Photo	approximately 68 people visible; approximately 20 vehicles parked blocking Skyway north of Clark Rd		×					×		TD-127	Photo
11/8	13:47	12	Inferred	39.784337	-121.599583	TD	call for civilian trapped at 8675 Skyway, but can't make it there						×			TD-111	TD
11/8	13:47	53	Inferred	39.759797	-121.572546	TD	civilian at red house 1864 Del Rio Way refused to evacuate; defended his home with garden hose				×					TD-069	TD
11/8	13:47	53	Inferred	39.770151	-121.579307	TD	traffic jam at Bille Rd has cleared			×						TD-069	TD
11/8	13:47	53	Inferred	39.769375	-121.582833	TD	cars actively burning blocking Bille Rd; have to turn around	×	×							TD-069	TD
11/8	13:47	53	Inferred	39.777778	-121.583961	TD	PG&E moving burning branches off roadway	×								TD-069	TD
11/8	13:47	53	Inferred	39.776788	-121.590433	TD	Kmart lot is full of cars; cannot evacuate civilians SB or WB							×		TD-069	TD
11/8	13:48	0	Photo	39.751966	-121.572463	Photo	5 vehicles SB on Pentz Rd between Pearson Rd and FRH			×						TD-130	Photo
11/8	13:48	15	AVL	39.753846	-121.628551	AVL	drive to Walgreens via Pentz Rd, Pearson, Skyway; no traffic on Pearson Rd and Skyway; Pearson Rd in basically impassible			×						TD-014	TD
11/8	13:50	0	Photo	39.798076	-121.585157	Photo	TRA. Approximately 26 people visible							×		TD-041	Photo
11/8	13:52	4	AVL	39.792790	-121.579620	AVL	traffic fine; lines down; no trees, but power poles sheared off; drove under lines, did not cut	×								TD-089	TD
11/8	13:56	0	AVL	39.800373	-121.580821	AVL	saw the Pepsi truck	×								TD-089	TD
11/8	13:58	0	Photo	39.783546	-121.600095	Photo	cars, semi-truck & bus partially blocking road	×	×							TD-205	Photo
11/8	13:58	0	TD	39.647733	-121.649880	TD	2 buses are sent to Feather River Hospital but are sent back to Butte College because it is too dangerous					×		×		TD-047	TD
11/8	13:58	0	Photo	39.783546	-121.600095	Photo	abandoned vehicles AV072, AV075, AV076, AV077		×							TD-205	Photo
11/8	13:59	0	AVL	39.748612	-121.585314	AVL	met with BTU type 3 engines; they cut phone cable which brought down more lines; 3 civilian POV following us	×				×				TD-209	TD
11/8	13:59	112	AVL	39.797783	-121.585333	AVL	Optimo TRA, about 150 civilians; have 5 SHU engines plus 2 from LMU; assign 2 to gas station, 1 to tire shop, 4 to TRA protection; bring civilians into intersection							×		TD-128	TD
11/8	13:59	112	AVL	39.797783	-121.585333	AVL	LE had civilians abandoned vehicles and go on foot to TRA; this made difficult passage later	×						×		TD-128	TD
11/8	14:00	0	TD	39.742833	-121.673188	TD	fire in backyard of two homes, residents still present [2470, 2468 Honey Run Rd]; windy and smoky; residents refusing to leave; structure is not defensible; moderate rate of spread, flames 6 ft to 10 ft [2 m to 3 m] flames				×					TD-117	TD
11/8	14:00	0	AVL	39.813167	-121.578900	AVL	no fire across dam; no traffic			×						TD-089	TD
11/8	14:00	0	Inferred	39.798072	-121.585532	TD	access the south building at TRA							×		TD-041	TD
11/8	14:00	0	Inferred	39.744138	-121.654765	TD	tree blocking SB Skyway	×								TD-064	TD
11/8	14:00	0	TD-041	39.798070	-121.585513	TD	bust into buildings to bring people inside; some refuse to go inside; most people are calm							×		TD-067	TD
11/8	14:00	0	TD	39.770145	-121.611975	TD	Walgreens pretty full of civilians and FF; 3 or 4 other engines at Walgreens							×		TD-022	TD
11/8	14:00	0	Inferred	39.798098	-121.585475	TD	advise [TD-041] to break into buildings for TRA							×		TD-127	TD
11/8	14:00	0	Inferred	39.776482	-121.590484	TD	about 500 vehicles at Kmart							×		TD-042	TD
11/8	14:00	0	TD	39.721196	-121.697897	TD	[left Pentz Rd around 09:00], wife was halfway down Skyway by 14:00 and into clear air			×		×				TD-023	TD
11/8	14:00	0	Photo	39.715367	-121.577244	Photo	no vehicles visible			×						TD-115	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source	
11/8	14:00	0	Photo	39.782735	-121.601106	Photo	1 vehicle SB? Several burning vehicles in roadway and on side of roadway AV068, AV069, AV072, AV073, AV074, AV075, AV076, AV077, AV079, AV080, AV083, AV088, AV089, AV090		×							TD-128	Photo
11/8	14:00	25	TD	39.759803	-121.644467	TD	drive down Valley View Dr; direct/lead lost car to Holiday Market; no cell phone service					×	×			TD-011	TD
11/8	14:00	25	TD	39.763014	-121.620437	TD	hear via radio there is shelter in place at Holiday Market; drive up there in truck						×			TD-011	TD
11/8	14:00	25	TD	39.763014	-121.620437	TD	~15 civilians at Holiday Market						×			TD-011	TD
11/8	14:00	25	Inferred	39.766477	-121.616507	TD	pick up elderly man with oxygen at mobile home park					×				TD-065	TD
11/8	14:00	25	TD-011	39.763054	-121.620442	TD	drop off civilian at Holiday Market to [TD-011]					×				TD-065	TD
11/8	14:00	40	TD	39.763073	-121.620421	TD	Approximately 20 civilians refuge at Holiday Market; some with no vehicles (abandoned); horse is here						×			TD-076	TD
11/8	14:00	46	AVL	39.802841	-121.600628	AVL	door-to-door and on siren (not PA); saw one couple (elderly dad and daughter) didn't want to leave; asked for dental records and then they evacuated; South Park Dr			×	×					TD-084	TD
11/8	14:00	60	PPD video, Radio Log	39.768284	-121.613390	PPD video	E8332 went to elderly facility 7419 Skyway to evacuate 14 civilians using short buses (after 14:00)					×				TD-055	TD
11/8	14:00	150	Inferred	39.652837	-121.589862	TD	traffic on Durham-Pentz Rd is packed			×						TD-143	TD
11/8	14:00	150	Inferred	39.494255	-121.688686	TD	CA-162 to CA-99 bumper to bumper; CA-99 gridlocked NB			×						TD-143	TD
11/8	14:00	150	Inferred	39.687888	-121.797799	TD	north on Midway, traffic is horrible			×						TD-143	TD
11/8	14:00	150	Inferred	39.790624	-121.722659	TD	traffic is bumper to bumper on CA-32 SB, Forest Ranch to Chico, people coming from Magalia exited north			×						TD-143	TD
11/8	14:00	240	Inferred	39.721121	-121.541731	TD	strike team on Nelson Bar Rd protecting homes; civilians still in area									TD-027	TD
11/8	14:00	300	TD	39.782046	-121.606330	TD	fatality in neighbor home; had good D-space but not enough [8391 Montna Dr]									TD-113	TD
11/8	14:01	0	Photo	39.736728	-121.612854	TD	no traffic on Clark Rd; thick smoke, power lines down; stop and flag power lines before driving around; then more and more power lines, too many to keep flagging	×		×						TD-126	TD
11/8	14:01	0	Inferred	39.736728	-121.612854	TD	saw no other engines, no traffic, no LE			×						TD-126	TD
11/8	14:02	0	AVL	39.756933	-121.607333	AVL	still thick smoke, dark, very light traffic, no civilian cars			×						TD-009	TD
11/8	14:03	0	Radio Log	39.813047	-121.591881	Radio Log	ECC relays report of elderly blind lady unable to evacuate; Andover Dr, Magalia					×	×			TD-009	Radio Log
11/8	14:03	8	AVL	39.769919	-121.611838	AVL	at Walgreens; evacuated civilians on crew buses					×	×			TD-014	TD
11/8	14:04	0	Inferred	39.735791	-121.815242	TD	dispatch was up and running in Chico									TD-074	TD
11/8	14:04	3	AVL	39.769117	-121.612883	AVL	scoping out Skyway; Skyway is clear			×						TD-015	TD
11/8	14:04	10	AVL	39.731388	-121.650904	AVL	3410 Neal Rd; civilian clearing around structure; bamboo area burning right up against house									TD-092	TD
11/8	14:05	0	Radio Log	39.813047	-121.591881	Radio Log	Branch chief relays report of elderly female unable to evacuate					×	×			TD-061	Radio Log
11/8	14:05	0	Inferred	39.796037	-121.585030	TD	lot of homes on fire around Cabernet Ln; log jam of vehicles on Clark Rd at Cabernet Ln	×								TD-111	TD
11/8	14:05	0	Inferred	39.796068	-121.585051	TD	abandoned cars blocking the road, up to 40 cars and trailers, total gridlock	×	×							TD-126	TD
11/8	14:05	16	Inferred	39.686210	-121.623588	TD	head up to Paradise via Clark Rd [no vehicles seen in videos or photos]			×						TD-132	TD
11/8	14:05	35	AVL	39.801512	-121.601225	AVL	civilians running around; evacuations door to door, no PA; Assisted with several evacuations; sent people to Rite Aid. Everyone could drive a POV out.				×	×	×			TD-089	TD
11/8	14:05	35	Inferred	39.798189	-121.585350	TD	civilians sheltering in place at Optimo; no way to drive past all abandoned vehicles	×					×			TD-111	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	14:05	35	TD-111	39.796513	-121.585217	TD	meet with DIV, no fire yet; move cars and trailers by hand with all 20 guys from strike team	×							TD-126	TD
11/8	14:07	0	Photo	39.658467	-121.630516	Photo	no vehicles visible on Clark Rd; 1 vehicle leaving A St			×					TD-133	Photo
11/8	14:07	0	Photo	39.659202	-121.630192	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:07	0	Photo	39.661021	-121.629383	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:07	4	AVL	39.813047	-121.591881	AVL	attempted rescue; two battalion chiefs and an engine [via AVL] respond to requested rescue location					×	×		TD-085	Radio Log, AVL
11/8	14:07	103	AVL	39.798073	-121.585524	AVL	100 to 200 civilians inside buildings; believe civilians evacuated down Clark Rd under/over power lines, we did not cut any lines							×	TD-207	TD
11/8	14:07	155	AVL	39.798189	-121.585369	AVL	civilians sheltering in place at Optimo							×	TD-200	TD
11/8	14:08	0	Photo	39.671278	-121.626991	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:08	0	Photo	39.679994	-121.627951	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:08	232	AVL				power poles and trees blocking multiple roadways; straggling evacuees; water beginning to fail	×		×		×			TD-017	TD
11/8	14:09	0	Radio Log	39.776815	-121.590343	Radio Log	3 patients at Kmart TRA from FRH need transport to Enloe Hospital; in a POV, fastest way would be SO escort					×	×		TD-014	Radio Log
11/8	14:09	0	TD	39.729377	-121.685435	video	two-way traffic on Skyway NB lanes			×					VTD-20	video
11/8	14:09	0	Photo	39.681326	-121.626733	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:09	0	Photo	39.682323	-121.626311	Photo	no vehicles visible			×					TD-141	Photo
11/8	14:09	0	Photo	39.686702	-121.623204	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:09	0	Photo	39.687158	-121.622819	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:10	0	Photo	39.688245	-121.621896	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:10	0	Photo	39.691612	-121.617854	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:10	0	Photo	39.692123	-121.616920	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:10	0	Photo	39.692189	-121.616793	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:10	0	Photo	39.691885	-121.617351	Photo	LE roadblock at edge of fire	×		×					TD-141	Photo
11/8	14:10	0	Photo	39.692053	-121.617037	Photo	LE roadblock at edge of fire	×		×					TD-141	Photo
11/8	14:10	0	Photo	39.692261	-121.616673	Photo	LE roadblock at edge of fire	×		×					TD-133	Photo
11/8	14:10	0	Photo	39.692214	-121.616763	Photo	LE roadblock at edge of fire	×		×					TD-141	Photo
11/8	14:10	170	Inferred	39.647733	-121.649880	TD	CHP had buses moving people from Butte College staging to Chico					×	×		TD-046	TD
11/8	14:10	170	Inferred	39.707038	-121.790753	Inferred	taking people to Chico, and picked up others walking on roadside; 3 people and 2 dogs; takes hours					×			TD-046	TD
11/8	14:11	0	TD	39.746528	-121.646073	video	handful of vehicles in line to leave town at split; multiple LEO stopping traffic at SB lanes to send down NB lanes	×		×					VTD-20	video
11/8	14:11	0	Photo	39.693158	-121.615411	Photo	no vehicles visible; roadblock on edge of fire	×		×					TD-133	Photo
11/8	14:12	0	Photo	39.693947	-121.614779	Photo	no vehicles visible			×					TD-133	Photo
11/8	14:12	0	Photo	39.798035	-121.585097	Photo	some vehicles have been moved at Optimo		×					×	TD-041	Photo
11/8	14:12	0	Photo	39.752290	-121.594769	Photo	vehicle on side of road AV010		×						TD-209	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	14:13	0	Photo	39.798072	-121.585532	TD	civilians sheltering inside and outside southern building at TRA (not in parking lot anymore)							×	TD-041	Photo, TD
11/8	14:13	0	Photo	39.798008	-121.585152	Photo	32 people visible outside Optimo; unknown count inside south building							×	TD-041	Photo
11/8	14:13	0	Photo	39.752281	-121.601449	Photo	no vehicles visible			×					TD-209	Photo
11/8	14:14	0	AVL	39.751829	-121.607361	AVL	regroup strike team at Ace Hardware; Ace is standing, everything else is burned; civilians following us continue out down Clark Rd					×			TD-209	TD
11/8	14:14	0	video	39.763273	-121.620913	video	6808 Skyway; ambulance convoy 13+ medics; Skyway is clear, no other traffic, no civilians; visibility good			×	×				TD-036	video
11/8	14:14	0	video	39.714702	-121.611223	video	vehicle crash at Clark Rd and Good View Dr has occurred; E1478, E1473, B1419 present	×	×						TD-132	video
11/8	14:14	0	Photo	39.763260	-121.620906	Photo	1 civilian vehicle SB; ambulance strike team NB on Skyway			×					TD-036	Photo
11/8	14:14	0	Photo	39.709787	-121.612096	Photo	no vehicles visible; one abandoned vehicle on SB shoulder	×	×						TD-133	Photo
11/8	14:14	0	Photo	39.752279	-121.607611	Photo	no vehicles visible			×					TD-209	Photo
11/8	14:14	0	Photo	39.713666	-121.612014	Photo	vehicle collision at Good View Dr has occurred; debris in roadway of Clark Rd, guardrails and lines down; no vehicles visible; lines down at American Way have been flagged; no vehicles between Airport Rd and Pearson Rd AV139, AV140	×	×	×					TD-133	Photo
11/8	14:14	44	Inferred	39.753823	-121.624332	TD	strike team leaves Holiday Market to go to Station 81 and PPD for 100 civilians sheltering [secondhand info via radio]							×	TD-036	TD
11/8	14:14	86	Inferred	39.769810	-121.612492	TD	pick up civilian and take him out					×			TD-118	TD
11/8	14:14	86	Inferred	39.769795	-121.612349	TD	see woman on horse riding down Skyway; pick up civilians and take to Holiday Market					×	×		TD-118	TD
11/8	14:15	0	AVL	39.748917	-121.607765	TD	power poles down on Clark Rd; Butte engine takes care of it	×							TD-209	TD
11/8	14:15	40	Inferred	39.768278	-121.613378	PPD video	14 people in wheelchairs; set up 2 wheelchairs in each of 7 MediTrans vans; rear of building catching on fire; LE was here					×	×		TD-155	TD
11/8	14:15	40	Inferred	39.770413	-121.607898	TD	cannot get through on Bille Rd toward Clark Rd	×							TD-155	TD
11/8	14:15	165	Inferred	39.726214	-121.536846	TD	check on structure to evaluate potential, no civilians present [3360 Warbonnet Ln]								TD-140	TD
11/8	14:16	0	AVL	39.768651	-121.599575	AVL	multiple wires and poles down	×							TD-009	TD
11/8	14:17	4	AVL	39.786539	-121.596865	AVL	stop at Heritage Assisted Living facility; checked inside for civilians; nobody here				×				TD-205	TD
11/8	14:19	0	Radio Log	39.797981	-121.585241	Radio Log	fire impinging on TRA, running out of water; 150 civilians in building; commercial buildings and gas station involved							×	TD-127	Radio Log
11/8	14:19	0	Photo	39.798359	-121.585458	Photo	TRA. 3 people visible							×	TD-075	Photo
11/8	14:19	0	Photo	39.798218	-121.585609	Photo	25 people visible; others inside south building							×	TD-075	Photo
11/8	14:20	0	Inferred	39.746271	-121.607681	TD	driving over and weaving around power lines; overhead lines are on fire	×							TD-108	TD
11/8	14:20	0	Photo	39.750691	-121.607716	Photo	no vehicles visible			×					TD-141	Photo
11/8	14:20	40	TD	39.777770	-121.590577	TD	scout up Clark Rd with TD-142 until it is blocked by power lines	×							TD-141	TD
11/8	14:21	0	Photo	39.798246	-121.585533	Photo	TRA; 8 people visible on edge of crowd							×	TD-075	Photo
11/8	14:21	0	Photo	39.798246	-121.585533	Photo	TRA; 20 people visible; unknown count inside south building							×	TD-075	Photo
11/8	14:21	0	Photo	39.798246	-121.585533	Photo	TRA; 1 additional person visible; unknown count inside south building							×	TD-075	Photo
11/8	14:21	0	Photo	39.751674	-121.607641	Photo	no vehicles visible; Ace parking lot has 3 visible empty vehicles; cones are visible on Clark Rd, but no traffic	×	×						TD-141	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	14:21	0	Photo	39.751674	-121.607641	Photo	no vehicles visible AV145, AV146		×	×					TD-141	Photo
11/8	14:21	101	AVL	39.798317	-121.585150	AVL	Optimo TRA; provide civilian protection							×	TD-203	TD
11/8	14:22	0	PPD video	39.798387	-121.585746	TD	make entry of west building of complex; civilians sheltering inside south building							×	TD-041	PPD video
11/8	14:22	0	PPD video	39.798348	-121.585707	TD	breaking into the west building of TRA							×	TD-067	PPD video
11/8	14:22	0	Photo	39.762589	-121.622096	Inferred	Skyway, no traffic, lots of ambulances			×					TD-042	TD
11/8	14:22	0	PPD-14	39.798368	-121.585741	video	TD-041 accessing western building at TRA for plan B [shelter inside building rather than outside in parking lot]							×	PPD-14	video
11/8	14:22	0	Photo	39.798246	-121.585533	Photo	TRA, 14 people visible; others inside or out of view							×	TD-075	Photo
11/8	14:22	1	PPD-14	39.798084	-121.585507	video	most civilians are inside southern structure at TRA							×	PPD-14	video
11/8	14:22	36	Inferred	39.785398	-121.586522	TD	Clark Rd on way to Station 82; power lines down; cut the lines between Skyway and Wagstaff Rd	×							TD-041	TD
11/8	14:22	36	Inferred	39.777170	-121.591031	TD	pretty full parking lot at Kmart; roads are pretty empty							×	TD-041	TD
11/8	14:22	36	Inferred	39.754428	-121.607717	TD	Clark Rd almost impassable due to downed wires	×							TD-041	TD
11/8	14:22	36	Inferred	39.752260	-121.598204	TD	multiple, 3 or 4, locations on Pearson Rd with downed wires (between Clark and Station 82)	×							TD-041	TD
11/8	14:23	0	Photo	39.797964	-121.585183	Photo	abandoned vehicles being moved by FF		×					×	TD-127	Photo
11/8	14:23	2	AVL	39.813350	-121.601212	AVL	Pines Elementary School (north parking lot); parking vehicles, boats, RV's at school, ~30 vehicles, no people, no LEO					×		×	TD-079	TD
11/8	14:24	0	Photo	39.798246	-121.585533	Photo	TRA; approximately 20 people visible outside building, others inside							×	TD-075	Photo
11/8	14:24	0	Photo	39.775296	-121.609345	Photo	car on road AV064		×						TD-055	Photo
11/8	14:24	0	Photo	39.776049	-121.608272	Photo	truck on road AV065, AV066		×						TD-055	Photo
11/8	14:25	0	TD	39.763014	-121.620437	TD	pick up one of the last civilians at Holiday Market					×		×	TD-011	TD
11/8	14:25	0	Photo	39.778538	-121.605447	Photo	cars on road AV122		×						TD-055	Photo
11/8	14:25	0	Photo	39.751585	-121.607674	Photo	AV011		×						TD-133	Photo
11/8	14:25	20	Inferred	39.798397	-121.585684	TD	move civilians into west building when gas station was threatened							×	TD-127	TD
11/8	14:25	20	Inferred	39.798085	-121.585503	TD	move civilians back into south building when Optimo building began burning							×	TD-127	TD
11/8	14:25	31	Inferred	39.771218	-121.611917	TD	Skyway north of Bille Rd is on fire and impassable	×							TD-065	TD
11/8	14:25	31	Inferred	39.776766	-121.590413	TD	civilians in cars at Kmart are instructed to stay in vehicles; FF present at Kmart							×	TD-065	TD
11/8	14:25	31	Inferred	39.770459	-121.592441	TD	Bille Rd at Himmel St is impassable	×							TD-065	TD
11/8	14:25	31	Inferred	39.756642	-121.574765	TD	rescue already in progress — under control, don't stop in						×		TD-065	TD
11/8	14:25	31	Inferred	39.754314	-121.577608	TD	check on unburned house on Hilbe Ln; nobody present			×					TD-065	TD
11/8	14:25	31	Inferred	39.752279	-121.607304	TD	handful of civilian vehicles following caravan on Pearson Rd trying to leave town					×			TD-065	TD
11/8	14:25	31	Inferred	39.773547	-121.595771	TD	parking lot of CMA church is full; CAL FIRE truck is here							×	TD-065	TD
11/8	14:26	0	video	39.782367	-121.601552	TD	motorhome in roadway, fully engulfed; exploded when trying to get past; turn around	×							TD-055	TD
11/8	14:26	0	Photo	39.780294	-121.603733	Photo	cars on road AV094, AV095, AV096, AV097, AV098, AV099, AV100, AV101, AV102, AV103, AV138		×						TD-055	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	14:26	0	Photo	39.751585	-121.607674	Photo	no vehicles visible AV011, AV145, AV146		×	×					TD-133	Photo
11/8	14:27	88	AVL	39.798066	-121.585522	Photo	glass door had been broken to get civilians inside. Civilians already inside. Provided MRE's and water for civilians.							×	TD-205	TD
11/8	14:27	88	AVL	39.798001	-121.585079	AVL	Moved cars off Skyway to give defensible space	×							TD-205	TD
11/8	14:29	0	Photo	39.781634	-121.602452	Photo	cars on road AV099, AV100, AV101, AV102		×						TD-055	Photo
11/8	14:29	9	AVL	39.746767	-121.593833	AVL	S Libby Rd cross Cottage Ln: civilian notifies of person on the road — go to check it out... power lines blocking road; rescue burned civilian	×					×		TD-124	TD
11/8	14:30	0	Inferred	39.778341	-121.605646	Inferred	civilian in wheelchair heading down Skyway					×	×		TD-055	TD
11/8	14:30	37	AVL	39.749783	-121.610367	AVL	Oak Knoll Senior Living, Buschmann Rd; water tender here; fence and small houses on fire; building burned and interior sprinklers going; check inside for people; don't find anyone				×				TD-123	TD
11/8	14:30	150	TD	39.776522	-121.590402	TD	Kmart TRA still packed with cars; protect from fire around Kmart							×	TD-043	TD
11/8	14:34	14	AVL	39.748550	-121.609217	AVL	pick up 2 civilians					×	×		TD-122	TD
11/8	14:35	23	TD-132	39.756605	-121.612638	TD	one engine sent to cemetery for rescue						×		TD-142	TD
11/8	14:35	23	TD	39.756647	-121.612637	TD	EMT advised that civilian trapped in cemetery; go with Burney FD and two ambulances; find 9 people at cemetery; escort them back to Ace Hardware						×		TD-132	TD
11/8	14:37	0	PPD-15	39.754127	-121.624613	video	Sheriff, PPD, fire, and civilians at Station 81, about 15 people total							×	PPD-15	video
11/8	14:38	0	TD	39.777175	-121.590527	TD	Kmart parking lot is full of cars							×	TD-141	TD
11/8	14:38	0	PPD-15	39.749476	-121.634092	Radio	A1,19: "What's the status of public works crew and town hall people?" — "They are evacuated to Chico."					×			PPD-15	Radio
11/8	14:38	0	Photo	39.761978	-121.622554	Photo	no vehicles visible			×					TD-155	Photo
11/8	14:39	0	PPD video	39.753853	-121.624709	PPD video	evacuate civilians from Station 81 (including elderly and pregnant subjects) using vehicles and 15 passenger inmate van					×	×		TD-066	TD
11/8	14:39	0	PPD-15	39.754127	-121.624613	video	van leaves Station 81 with evacuees, unknown number					×	×		PPD-15	video
11/8	14:39	0	PPD-15	39.763267	-121.620337	Radio	A2, P32: "Just advising, heavy smoke and flames seen at Holiday [Market]. We'll be moving a couple people to Chico. I don't know how much longer Holiday [Market] is going to be a safe spot for these people." — A1: "10-4. You guys are going to have to make that call in the field. Personnel safety is number 1, so if it's time to go it's time to go." — P32: "Copy. It's time to go. We're moving." — A1: "Copy, Holiday [Market] is evacuating." — 12: "Copy. Holiday [Market] evacuating."					×	×		PPD-15	Radio
11/8	14:40	0	Inferred	39.707227	-121.790939	TD	hear about shelter at church in Chico, load up civilians and take to shelter					×			TD-076	TD
11/8	14:40	0	PPD video	39.762973	-121.620371	TD	when saw fire at Holiday Market, trees ignited, left area with civilians					×	×		TD-071	TD
11/8	14:40	0	PPD video	39.762973	-121.620371	TD	take civilians, 2 people and 5 dogs in cruiser to neighborhood church in Chico; 3 other PPD take people in their vehicles					×			TD-071	TD
11/8	14:40	0	TD	39.777124	-121.590517	TD	call off of Wagstaff Rd for rescue of woman; rescue and bring to Kmart						×		TD-111	TD
11/8	14:40	0	TD	39.777124	-121.590517	TD	still a lot of people at Kmart							×	TD-111	TD
11/8	14:40	0	Inferred	39.797205	-121.580949	TD	advised of someone in a brown house that needed rescue; knocked on doors house to house						×		TD-111	TD
11/8	14:40	0	PPD video	39.763040	-121.620345	TD	10 LE, about 20 people and a horse, at Holiday Market; LE advises not to take any more people to Holiday Market							×	TD-118	TD
11/8	14:40	0	Photo	39.762261	-121.622397	Photo	no vehicles visible			×					TD-155	Photo
11/8	14:41	0	PPD-15				Paradise: "we do have quite a long list of residents trapped"						×		PPD-15	Radio

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	14:41	0	PPD-15	39.754134	-121.624507	video	all civilians are out of PPD and Station 81					×	×		PPD-15	video
11/8	14:43	0	PPD-15	39.763080	-121.620263	Radio	"I believe there's one more person with 2 dogs or two people with 1 dog or something like that. They are being hesitant to come with us."					×	×		PPD-15	Radio
11/8	14:43	0	PPD-15	39.709295	-121.724284	Radio	A2: "Myself and Z91 en route to Chico with citizens" — 32 and 35: "same traffic en route to Chico."					×			PPD-15	Radio
11/8	14:43	0	Photo	39.746377	-121.637473	Photo	no vehicles visible; intersection clear			×					TD-076	Photo
11/8	14:43	0	Photo	39.746227	-121.638146	Photo	no vehicles visible			×					TD-076	Photo
11/8	14:44	0	Inferred	39.758780	-121.624373	PPD video	no traffic on Skyway			×					TD-066	TD
11/8	14:44	0	PPD-15				25: "There is a long list of places that CalOES / BCSO dispatched to Paradise, could you unify with them. The county is sending probably 30 units headed that way to start checking a list of addresses."					×	×		PPD-15	Radio
11/8	14:44	0	PPD-15	39.759515	-121.623927	video	traffic light at Elliott Rd and Skyway is off			×					PPD-15	video
11/8	14:45	0	Radio Log	39.798089	-121.585477	Radio Log	holding our own at the TRA, bumped the fire around it, feeling pretty good							×	TD-127	Radio Log
11/8	14:45	0	Radio Log	39.788747	-121.592689	Radio Log	main issue is the abandoned vehicles on Skyway between Clark Rd and Wagstaff Rd are all burning	×							TD-127	Radio Log
11/8	14:45	0	PPD-15	39.762524	-121.622196	video	traffic light at Oliver Rd and Skyway is red flash			×					PPD-15	video
11/8	14:45	0	PPD-15	39.786847	-121.577322	Radio	14: checking further down Dean Rd past Henry, wires down in the roadway. Unable to get any farther down Dean Rd because of wires	×				×			PPD-15	Radio
11/8	14:45	2	PPD-15	39.763312	-121.620375	video	arrive to Holiday Market parking lot; civilians present all have rides out of town					×	×		PPD-15	video
11/8	14:45	3	PPD video	39.763187	-121.620332	PPD video	Holiday Market; approximately 20 vehicles sheltering in lot							×	TD-066	TD
11/8	14:46	0	PPD-15	39.770458	-121.588911	Radio	14,13: "I made it to Bille Rd/Sawmill Rd so far, having trouble with power lines. I believe I'll make it to Clark Rd."	×							PPD-15	Radio
11/8	14:46	0	Photo	39.784795	-121.598416	Photo	AV087		×						TD-127	Photo
11/8	14:46	0	Photo	39.743450	-121.657092	Photo	light traffic SB; limited field of view			×					TD-076	Photo
11/8	14:47	0	Inferred	39.764952	-121.589020	TD	trees blocking Sawmill Rd at Mabelle Way	×							TD-069	TD
11/8	14:47	0	PPD-15	39.746640	-121.644889	Radio	31: need south side clean up on Skyway just north of Crossroads, south of Princeton Way	×							PPD-15	Radio
11/8	14:48	0	Inferred	39.767392	-121.600523	TD	SB Clark Rd from Bille Rd to check accessibility; no one on Clark Rd, no LE			×					TD-069	TD
11/8	14:48	0	PPD-15	39.743125	-121.655187	Radio	29,A2: "At SB Skyway at the Y, go in the NB lanes at Crossroads, come back to the SB lanes and it's clear; just watch out on crossroads for a gate in the roadway."	×							PPD-15	Radio
11/8	14:48	0	PPD-15	39.766966	-121.613950	video	traffic light at Skyway and Maxwell Dr is green for Skyway			×					PPD-15	video
11/8	14:48	0	PPD-15	39.707383	-121.790389	Radio	A2: "Evacuation center is the Community Church on Notre Dame Blvd."					×			PPD-15	Radio
11/8	14:49	0	Radio Log	39.776378	-121.590290	TD	bus convoy led by [FF], front-end loader being organized at Butte College					×			TD-014	TD
11/8	14:49	0	PPD video	39.768290	-121.613360	PPD video	assisted living on Skyway; 4 to 6 ambulances and sheriffs evacuating					×	×		TD-066	TD
11/8	14:49	0	PPD-15	39.767912	-121.613218	video	7406 Skyway; evacuation of nursing center is under control, a few more people to load up; fire approaching the building					×			PPD-15	video
11/8	14:49	0	Photo	39.751689	-121.607619	Photo	6 vehicles visible, likely abandoned in parking lot at Ace Hardware and other businesses		×						TD-141	Photo
11/8	14:50	0	PPD video	39.773119	-121.630050	TD	call for people trapped in homes, West Wagstaff Rd						×		TD-066	TD
11/8	14:50	1	PPD-15	39.770385	-121.612368	video	traffic light red flash; visibility is pretty good; light smoke, good lighting			×					PPD-15	video

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11/8	14:50	3	PPD video	39.773125	-121.630041	PPD video	West Wagstaff Rd attempts						×		TD-070	TD
11/8	14:51	0	PPD-15	39.773490	-121.610829	video	U-turn at 7856 Skyway; heavy smoke from burning structures, low hanging power lines	×							PPD-15	video
11/8	14:51	0	Photo	39.751689	-121.607619	Photo	no vehicles visible			×					TD-141	Photo
11/8	14:51	0	Photo	39.751689	-121.607619	Photo	AV011		×						TD-141	Photo
11/8	14:52	0	PPD video	39.773454	-121.610840	PPD video	tree down and web of power lines blocking Skyway NB at 7831 Skyway	×							TD-066	TD
11/8	14:52	0	PPD video	39.770374	-121.612884	PPD video	abandoned cars on (west side) Bille Rd at Skyway	×	×						TD-066	TD
11/8	14:52	0	PPD-15	39.770374	-121.613348	video	10 abandoned vehicles EB on Bille Rd between Skyway and Posey Ln; not burning	×		×					PPD-15	video
11/8	14:52	0	PPD-15	39.740719	-121.589439	Radio	12: "We have a handicapped citizen at 5303 Sawmill [Rd]." — 24: "10-4 do we have confirmation that they are there? That location is completely a loss." — 12: "It's listed as from before we left the station, so I don't know."					×	×		PPD-15	Radio
11/8	14:52	0	Photo	39.752289	-121.599205	Photo	no vehicles visible AV037, AV144		×	×					TD-055	Photo
11/8	14:52	12	AVL	39.730967	-121.649408	AVL	put line around his structure with DZ1449; civilian refused to leave [best location estimate from TD and AVL]				×				TD-092	TD
11/8	14:53	0	PPD video	39.770343	-121.617319	PPD video	burning vehicle blocking Bille Rd at Lucky John Rd	×							TD-066	TD
11/8	14:53	0	video	39.752412	-121.624528	TD	Pearson Rd is impassable from Skyway at Black Olive Dr	×							TD-100	TD
11/8	14:53	0	PPD-15	39.770053	-121.612186	video	approximately 10 vehicles parked at Walgreens							×	PPD-15	video
11/8	14:54	0	PPD-15	39.767930	-121.613350	video	EMS/fire at 7419 Skyway; Paradise Skilled Nursing; with two 15 passenger / handicap-type vans and BCSO					×			PPD-15	video
11/8	14:56	0	PPD video	39.759518	-121.623884	PPD video	Skyway at Elliott Rd, not a lot of traffic			×					TD-066	TD
11/8	14:56	0	PPD-15	39.759510	-121.623915	video	traffic light out at Skyway and Elliott Rd			×					PPD-15	video
11/8	14:57	156	AVL	39.741214	-121.624339	TD	encountered multiple civilians (4+) who defended multiple properties along Buschmann Rd/Scottwood Rd/Roe Rd/Foster Rd								TD-129	TD
11/8	14:58	0	PPD video	39.746624	-121.645750	B-Line video	power pole fell over on Skyway; partially blocking SB lanes	×							TD-070	TD
11/8	14:58	0	PPD-15	39.746633	-121.644782	Radio	V245: "on Skyway a powerline wrapped around my mirror, unable to move right now, before Princeton Way"	×							PPD-15	Radio
11/8	14:59	0	video	39.746198	-121.638042	video	traffic light at Neal Rd and Skyway is operational (green light Skyway SB)			×					TD-036	video
11/8	14:59	0	PPD video	39.752439	-121.607611	TD	rescue civilian on the street						×		TD-069	TD
11/8	14:59	0	PPD-15	39.759509	-121.611916	video	power lines blocking Elliott Rd at Greenthumb Ln	×							PPD-15	video
11/8	14:59	0	PPD-15	39.753551	-121.623971	Radio	13: "On Pearson Rd trying to make it back to the PD, I got a citizen on Clark Rd, elderly subject." — A2: "There is nowhere for them to be over there, we had to take everyone from Station 81 down to Chico, so you're probably going to have to make your way down to the shelter and drop them off." — 13: "10-4."					×	×	×	PPD-15	Radio
11/8	14:59	0	PPD-15	39.764454	-121.613466	Radio	12: "14 If you're able to get to Maxwell [Dr], 5975 Maxwell [Dr] #31. 14: "I can't go from the Clark [Rd] side, I'll have to come up to Bille [Rd]."						×		PPD-15	Radio
11/8	14:59	0	Photo	39.759517	-121.612041	Photo	power lines down mostly blocking Elliott Rd at Maxwell Dr	×							TD-101	Photo
11/8	14:59	0	Photo	39.753143	-121.607835	Photo	power lines down blocking SB lanes Clark Rd	×							TD-101	Photo
11/8	14:59	0	Photo	39.752282	-121.597992	Photo	power lines down blocking Pearson Rd at Angel Dr	×							TD-101	Photo
11/8	14:59	0	Photo	39.746183	-121.638239	Photo	single vehicle Neal Rd to Skyway SB; string of vehicles SB Skyway			×					TD-036	Photo

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11/8	15:00	0	Inferred	39.746605	-121.644891	TD	drove out Skyway in contraflow because of tree and power pole blocking normal lanes	×		×					TD-036	TD
11/8	15:00	0	Inferred	39.813954	-121.592920	TD	lots of civilians in area still not evacuated				×				TD-041	TD
11/8	15:00	0	PPD video	39.746625	-121.644896	TD	power line down across truck; remove it with broom handle	×							TD-065	TD
11/8	15:00	0	PPD video	39.764473	-121.613496	PPD video	call for rescue at apartments on Maxwell Dr						×		TD-066	TD
11/8	15:00	0	TD	39.796977	-121.585722	TD	checked status of roadways but Clark Rd and Skyway are still blocked	×							TD-067	TD
11/8	15:00	0	PPD-15	39.759838	-121.612402	video	power lines blocking Maxwell Dr just north of Elliott Rd	×							PPD-15	video
11/8	15:00	0	Photo	39.756379	-121.607374	Photo	no vehicles visible on Clark Rd; power lines down blocking most of Clark Rd at just north of Nunneley Rd	×	×	×					TD-100	Photo
11/8	15:00	0	Photo	39.753641	-121.607824	Photo	multiple low hanging or down power lines along roadway and into roadway	×	×	×					TD-100	Photo
11/8	15:00	0	Photo	39.752282	-121.597992	Photo	power lines down blocking Pearson Rd at Angel Dr AV011, AV037, AV145, AV146	×							TD-100	Photo
11/8	15:00	60	TD	39.776730	-121.590332	TD	filling up Kmart parking lot with civilian vehicles					×	×		TD-063	TD
11/8	15:01	0	PPD video	39.760080	-121.612407	PPD video	power lines down and sparking on Maxwell Dr	×							TD-066	TD
11/8	15:02	0	Photo	39.752185	-121.619487	Photo	no vehicles visible			×					TD-141	Photo
11/8	15:03	0	PPD video	39.746624	-121.645750	TD	civilian with a loader moved the power pole	×							TD-070	TD
11/8	15:03	0	PPD-15	39.746596	-121.644626	Radio	26: "Subject with a loader near Skyway and Princeton [Way], he's assisting with clearing the roadway, hopefully we'll have SB Skyway open soon."	×							PPD-15	Radio
11/8	15:03	6	PPD video	39.764585	-121.613502	PPD video	rescue 94 yr old woman from apartment on Maxwell Dr; eaves smoldering						×		TD-074	TD
11/8	15:05	0	PPD-15	39.746194	-121.638176	video	traffic lights are green SB Skyway			×					PPD-15	video
11/8	15:05	0	PPD-15	39.764086	-121.574533	Radio	A1: "Report from a citizen there's a female and two juveniles trapped in a car on Pentz [Rd] about a half a mile south of Bille [Rd]."					×			PPD-15	Radio
11/8	15:05	0	PPD-15	39.764086	-121.574533	Radio	"Been through that area multiple times today, is this fresh?"					×			PPD-15	Radio
11/8	15:05	3	AVL	39.797995	-121.585107	AVL	Optimo TRA, with about 100 civilians						×		TD-009	TD
11/8	15:06	0	PPD-15	39.764086	-121.574533	Radio	A1: "It's a red VW"					×			PPD-15	Radio
11/8	15:06	0	Photo	39.766244	-121.615391	Photo	AV014		×						TD-133	Photo
11/8	15:07	0	video	39.748633	-121.585794	TD	Pearson Rd at Woodsmuir Dr; visibility clear; surface fire long gone; abandoned vehicles burned in Pearson Rd	×							TD-101	video
11/8	15:07	0	Photo	39.748625	-121.585894	Photo	cars; many vehicles along road AV039, AV040, AV041, AV042, AV043, AV044, AV045, AV046, AV047		×						TD-101	Photo
11/8	15:08	0	PPD video	39.763164	-121.620530	TD	pass off woman to another civilian at Holiday Market						×	×	TD-069	TD
11/8	15:08	0	PPD-15	39.763170	-121.620416	Radio	13: "Couldn't pass Pearson [Rd] back to Clark [Rd]. I dropped the citizen off at Holiday Market with several good Samaritans."	×				×	×		PPD-15	Radio
11/8	15:09	0	PPD-15	39.746183	-121.647541	video	Skyway SB is blocked [tree at Russell Dr?]	×							PPD-15	video
11/8	15:09	0	PPD-15	39.746043	-121.647082	video	traffic headed SB skyway using NB lanes			×					PPD-15	video
11/8	15:09	0	PPD-15	39.764454	-121.613466	Radio	11: "Evacuating 1 elderly, en route to Chico" [5975 Maxwell Dr]						×		PPD-15	Radio
11/8	15:09	36	PPD video	39.707207	-121.790890	TD	take rescue to church in Chico, dome church						×		TD-074	TD
11/8	15:10	0	Inferred	39.760829	-121.625473	TD	advised by civilian on bike about man stuck in house on Memorial Way						×		TD-069	TD

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11/8	15:10	0	PPD-15				31: "We are not going to be able to open SB Skyway, it will remain closed. Too many power lines on the road."	×							PPD-15	Radio
11/8	15:10	6	PPD-15	39.743591	-121.651852	video	southbound in NB lanes; can see daylight to west of smoke cloud; fire has burned through Skyway split area; small spot fires still burning; Paradise sign burning			×					PPD-15	video
11/8	15:10	60	video	39.757822	-121.572354	video	leaving hospital Pentz Rd SB with others			×	×	×			VTD-23	video
11/8	15:10	60	video	39.740327	-121.572594	video	powerline down/low, blocking NB lane of Pentz Rd at 5500 Pentz Rd	×							VTD-23	video
11/8	15:10	60	video	39.739673	-121.572532	video	power line down near 5479 Pentz Rd; web of lines to maneuver around; multiple other vehicles evacuating SB	×	×						VTD-23	video
11/8	15:11	0	PPD-15	39.764086	-121.574533	Radio	14: "unable to locate red WV or anyone that needs assistance, nothing on Pentz Rd in this area."					×			PPD-15	Radio
11/8	15:11	0	PPD-15	39.760825	-121.625779	Radio	11,13: "I left one at Holiday [Market], and I'm on Memorial [Way]. Got flagged down an 80 yr old without O2. I'm headed there now, there's two additional here."					×	×	×	PPD-15	Radio
11/8	15:11	0	TD	39.776124	-121.591102	video	Paradise Plaza parking lot full; sunlight peeking through; ground visibility good							×	VTD-18	video
11/8	15:11	13	PPD video	39.760829	-121.625473	TD	assist 3 civilians and dog and take to Holiday Market					×			TD-069	TD
11/8	15:12	0	PPD-15	39.749866	-121.632798	Radio	11, A2: "Skyway in the area of Jewell Ln. There's a bunch of people congregating on a side street on the west side."				×				PPD-15	Radio
11/8	15:14	0	Inferred	39.738190	-121.668616	TD	was pushed back to SB lanes before Tuscan Ridge			×					TD-036	TD
11/8	15:14	0	PPD-15	39.760825	-121.625779	Radio	13: "I'm trying to evacuate somebody with a car off of Memorial [Way]" — "Can they drive?" — "Yes" — "advise them to use the NB lanes on Skyway."					×			PPD-15	Radio
11/8	15:14	0	PPD-15	39.749866	-121.632798	Radio	11: "I'm with one subject at Jewell [Rd], he's arguing about leaving" — 12: "10-4"				×				PPD-15	Radio
11/8	15:15	0	Inferred	39.797205	-121.580949	TD	told civilians in 3 vehicles to follow out of town; take them down to Chico					×			TD-111	TD
11/8	15:15	33	PPD video				additional calls about people in homes, head back to Paradise. attempt multiple rescues, lots of power lines blocking roadways	×					×		TD-076	TD
11/8	15:15	33	PPD video	39.753833	-121.620681	PPD video	call for rescues of civilians in houses; Scottwood Rd and Foster Rd area; attempted but too hot — car catching fire						×		TD-071	TD
11/8	15:19	0	PPD-15	39.746169	-121.638196	video	traffic lights are green for Skyway, at Neal Rd			×					PPD-15	video
11/8	15:20	0	PPD video	39.744162	-121.654621	PPD video	tree falls after the power pole, blocking SB Skyway at Russell Dr	×							TD-070	TD
11/8	15:20	0	PPD-15	39.753849	-121.628656	video	traffic light red flash			×					PPD-15	video
11/8	15:20	0	PPD-15	39.746512	-121.646338	Radio	14: "Inquiring, is SB out of town still open or is it closed?" — 12: "SB has too many lines across the road, but they may go down the NB lanes." — 26: "NB lanes is accessible; they cross back over to continue south."	×	×						PPD-15	Radio
11/8	15:20	40	PPD video	39.746481	-121.646441	PPD video	direct traffic down NB lanes and return to SB at the Crossroads	×				×			TD-070	TD
11/8	15:20	90	AVL	39.808216	-121.598418	TD	civilians slowly evacuating from S Park Dr, Magalia, no sense of urgency					×			TD-009	TD
11/8	15:21	0	PPD video	39.756601	-121.625994	PPD video	people walking on Skyway								TD-066	TD
11/8	15:21	0	PPD-15	39.756669	-121.625979	video	2+ civilians on foot, at 6265 Skyway, decline ride				×				PPD-15	video
11/8	15:21	0	PPD-15	39.746444	-121.646381	Radio	31: "Getting the roadway clear SB" — 12: "PG&E with P31 clearing the roadway."	×							PPD-15	Radio
11/8	15:22	0	PPD video	39.760808	-121.625335	PPD video	woman trapped on Memorial Way; assist with S13						×		TD-066	TD
11/8	15:22	0	PPD-15	39.759506	-121.623935	video	traffic lights out Skyway and Elliott Rd			×					PPD-15	video
11/8	15:22	1	PPD-15	39.760817	-121.625481	video	with other PPD on Memorial Way; evac 3+ civilians					×			PPD-15	video
11/8	15:25	0	PPD-15	39.764086	-121.574533	Radio	14: "Red VW was UTL, when I went through there it looked the same as it has for the last 30 to 45 minutes."					×	×		PPD-15	Radio

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11/8	15:25	14	PPD video	39.763028	-121.620442	PPD video	woman riding horse; probation went looking for a trailer; advised her not to ride horse out					×			TD-066	TD
11/8	15:25	14	PPD video	39.762995	-121.620390	TD	load up 5 or 6 cars at Holiday Market and go down Skyway					×	×		TD-069	TD
11/8	15:27	0	Inferred	39.760441	-121.612417	TD	power lines down on Maxwell Dr	×							TD-132	TD
11/8	15:27	0	PPD-15	39.763076	-121.620429	video	29: "Is there any way for a horse evac from Holiday Market?"					×	×		PPD-15	Radio
11/8	15:28	0	video	39.748636	-121.583202	TD	leaving Butte View Ter; power poles and abandoned vehicles blocking Pearson Rd	×							TD-101	video
11/8	15:28	0	PPD-15				Z91: "I'm on Neal [Rd] stuck in traffic. But someone can write a phone number on the hoof or something and open the gate and let it go."			×					PPD-15	Radio
11/8	15:28	0	Photo	39.748721	-121.583197	Photo	cars; many vehicles along road AV001, AV002, AV038, AV039, AV040, AV041, AV042, AV043, AV044, AV045, AV048, AV049, AV050, AV051, AV052, AV053, AV054, AV055, AV056, AV057, AV058, AV059, AV060, AV061, AV062, AV063		×						TD-101	Photo
11/8	15:30	0	TD	39.763159	-121.620555	TD	Holiday Market parking lot; people, pets							×	TD-108	TD
11/8	15:30	0	PPD-15	39.763076	-121.620429	video	civilians are passing through Holiday Market on the way out of town					×	×		PPD-15	video
11/8	15:30	64	Inferred	39.766046	-121.616033	TD	power lines down everywhere now	×							TD-108	TD
11/8	15:30	64	Inferred	39.766046	-121.616033	TD	abandoned cars on Skyway north of Bille Rd; very smoky, wind is variable	×							TD-108	TD
11/8	15:30	64	Inferred	39.780035	-121.603990	TD	Skyway partially blocked by abandoned vehicles; everything has burned	×							TD-108	TD
11/8	15:30	64	Inferred	39.798040	-121.585150	TD	Optimo TRA; civilians there; complete gridlock, trees torching, wind howling							×	TD-108	TD
11/8	15:38	0	AVL Bus1403	39.647733	-121.649880	TD	leave Butte College with convoy of 4 or 5 fire trucks, 2 dozers on transports, 4 or 5 big buses, 2 small buses; plan to use small buses as ferries to big buses					×	×		TD-059	TD
11/8	15:38	0	AVL Bus1403	39.647733	-121.649880	TD	convoy leaves Butte College with front and rear escorts; traffic to Chico was a nightmare with people coming from Clark Rd up CA-99			×					TD-114	TD
11/8	15:39	0	PPD video	39.798263	-121.585315	TD	radio with P25 at ICP; estimate a couple hundred civilians at Optimo							×	TD-067	PPD video
11/8	15:39	0	PPD-15	39.753834	-121.619598	Radio	32: "I'm unable to get to Shady Ln, low visibility, none, and possible wires are down."	×				×	×		PPD-15	Radio
11/8	15:39	0	PPD-15	39.798391	-121.585345	Radio	25: "Trying to account for people. I have you, 37, and 30 are there." — 15: "Probably have a couple hundred at least [at Optimo]. There is food and water in the facilities here."							×	PPD-15	Radio
11/8	15:39	27	PPD video	39.707187	-121.790901	Inferred	attempt to drop off civilians at shelters; 2 shelters are full; drop off at third [location unverified]					×			TD-069	TD
11/8	15:40	0	PPD-15				12: female just called she's with an unknown number of children, said they were stranded there on foot					×	×		PPD-15	Radio
11/8	15:41	0	PPD-15	39.752404	-121.624520	video	traffic light red flash at Pearson Rd and Black Olive Dr			×					PPD-15	video
11/8	15:43	0	PPD-15				14, 12: "Can you advise 25; know if it is accessible to get a bus up there to get more people out?"					×	×		PPD-15	Radio
11/8	15:43	0	PPD-15	39.752253	-121.607763	video	traffic light at Clark Rd and Pearson Rd is out			×					PPD-15	video
11/8	15:44	0	PPD-15				12, 25: "It doesn't need to be a bus" — 12: "Just vehicle accessible."					×	×		PPD-15	Radio
11/8	15:44	0	PPD-15	39.746636	-121.645232	Radio	26: "Looks like PGE is still working in the SB lane of Skyway. Myself, 22, 21, 23, and 34 are going to self-evacuate SB from here"	×							PPD-15	Radio
11/8	15:48	0	PPD-15	39.752210	-121.617287	video	low hanging power lines at Pearson Rd and Academy Dr	×							PPD-15	video
11/8	15:48	21	PPD video	39.746493	-121.646397	PPD video	heading to meetup at lookout; meet up at Y; tree down at Skyway and Russell Dr	×							TD-076	TD
11/8	15:48	21	PPD video	39.744151	-121.654708	PPD video	direct traffic around tree on Skyway; PG&E cutting up tree	×							TD-071	TD

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11/8	15:49	0	PPD-15	39.746645	-121.645304	Radio	34,35: "Do you still need to use the NB lanes to get there?" — 34: "Affirm"	×							PPD-15	Radio
11/8	15:50	0	PPD-15	39.746157	-121.638191	video	traffic lights at Neal Rd and Skyway still green			×					PPD-15	video
11/8	15:51	0	Photo	39.762390	-121.612438	Photo	no vehicles visible			×					TD-133	Photo
11/8	15:52	0	AVL	39.758205	-121.624762	AVL	returned to Paradise. Fire everywhere, downtown beginning to burn; rescue 3 people above Neal Rd on Skyway; drop to BCSO					×			TD-014	TD
11/8	15:53	0	AVL Bus1403	39.711272	-121.716921	TD	heading up Skyway with 4 or 5 fire trucks, 2 dozers on transports, 4 or 5 big buses, 2 small buses; plan to use small buses as ferries to big buses					×	×		TD-059	TD
11/8	15:53	16	PPD video	39.793766	-121.587470	TD	investigate status of Skyway south of Clark Rd; CAL FIRE organizing loader to clear roadway	×						×	TD-067	PPD video
11/8	15:56	0	PPD-15	39.744088	-121.654864	video	[31] "There's a huge tree across the road, we can get past it, there is a little bit of room. We'll put the cones out."	×							PPD-15	video
11/8	15:59	8	PPD-15	39.744248	-121.654396	video	stopped at Russell Dr; 2 PG&E trucks cut up tree across most of SB Skyway; civilians trickling out of town	×	×						PPD-15	video
11/8	16:00	0	TD	39.769908	-121.611789	TD	Walgreens TRA empty by this time							×	TD-030	TD
11/8	16:00	0	TD	39.758362	-121.650482	TD	trip to Valley Ridge Dr; nothing on fire; advise neighbors to leave; no more civilians after this				×				TD-020	TD
11/8	16:00	0	TD	39.733138	-121.804142	Photo	dispatched to evacuate facility on east side of CA-99 in Chico					×			TD-155	TD
11/8	16:00	8	PPD video	39.744207	-121.654630	PPD video	at Russell Dr (south) large pine tree blocking Skyway	×							TD-066	TD
11/8	16:00	8	PPD video	39.744207	-121.654630	PPD video	20 straggling civilian vehicles waiting to get out			×		×			TD-066	TD
11/8	16:00	8	PPD video	39.744207	-121.654630	PPD video	2 PG&E start cutting up tree; CAL FIRE arrives with larger saw to cut remaining trunk	×							TD-066	TD
11/8	16:00	30	Inferred	39.775522	-121.595430	TD	told of civilian in mobile home park, finds him and hand off to CAL FIRE						×		TD-065	TD
11/8	16:00	60	TD	39.743730	-121.675015	TD	oak tree falls across road; separates OES strike team; three more trees fall	×							TD-117	TD
11/8	16:00	120	TD	39.759363	-121.645332	TD	prepare to leave, check egress routes				×	×			TD-044	TD
11/8	16:00	300	Inferred	39.743730	-121.675015	TD	civilian evacuates on a two track around the tree	×				×			TD-117	TD
11/8	16:00	300	Inferred	39.736583	-121.684689	TD	Tahoe Basin engine on PA because residents are "popping out of the woodwork"				×				TD-117	TD
11/8	16:00	300	Inferred	39.717714	-121.719930	TD	2 civilians trying to save home; chicken coop on fire; propane explosion close call, near miss								TD-117	TD
11/8	16:00	300	Inferred	39.717714	-121.719930	TD	bump and go at structures that appear defensible; still encountering residents; fire on both sides of the road				×				TD-117	TD
11/8	16:00	300	Inferred	39.729101	-121.703868	TD	power poles and trees block road and trap engine, but they got around	×							TD-117	TD
11/8	16:01	0	PPD-15	39.796421	-121.585198	Radio	14: "Regarding getting a bus up here Clark Rd; if we have equipment capable of moving power poles out of the roadway, and then tow trucks that can pull one car at a time, to a tune of about 50 cars."	×				×	×		PPD-15	Radio
11/8	16:04	0	PPD-15				15, #: "In order to get a tow truck up Clark [Rd] we're going to have to have some way to move multiple poles all the way down Clark Rd." — 15: "So far Skyway is looking promising."	×				×	×		PPD-15	Radio
11/8	16:05	0	PPD video	39.731004	-121.683774	TD	bus convoy driving up SB lanes; dozer with 3 large and 2 small buses					×			TD-074	TD
11/8	16:05	0	PPD-15	39.704041	-121.745641	Radio	dozer and B-Line buses are coming up the Skyway now					×			PPD-15	Radio
11/8	16:10	0	Inferred	39.744163	-121.654621	Inferred	north of lookout point, fire both sides of road; tree down blocking road	×							TD-069	TD
11/8	16:14	7	AVL	39.789948	-121.585735	AVL	cutting power lines on Clark Rd north of Forest Service Rd with Parks and Rec	×							TD-015	TD

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11/8	16:14	7	AVL	39.785004	-121.586550	AVL	large powerline at Forest Service Rd is cleared by PG&E; Clark Rd is opened to Kmart	×							TD-015	TD
11/8	16:16	0	Radio Log	39.770517	-121.612290	Radio Log	tree blocking Skyway at Bille Rd (Walgreens)	×							TD-014	TD
11/8	16:16	0	Radio Log	39.753843	-121.628650	Radio Log	B-Line buses headed north on Skyway at Pearson Rd					×			TD-017	TD
11/8	16:17	0	Photo	39.733651	-121.804747	Photo	evacuation of assisted living facility					×			TD-155	Photo
11/8	16:17	9	AVL	39.760367	-121.640017	AVL	notified by passing civilian about entrapment; go and rescue bedridden person into the notifier's POV						×		TD-123	TD
11/8	16:19	0	Photo	39.733138	-121.804142	Photo	evacuated care facility (including 20 citizens previously evacuated from Paradise); take them to other towns south of Butte County					×			TD-155	TD
11/8	16:19	0	Photo	39.733594	-121.804906	Photo	evacuation of assisted living facility					×			TD-155	Photo
11/8	16:21	5	AVL	39.795700	-121.584883	AVL	preparing to evacuate Optimo TRA to Kmart once Clark Rd is clear [between Skyway and Wagstaff Rd]							×	TD-015	TD
11/8	16:23	14	AVL Bus1403	39.770378	-121.612314	AVL Bus1403	no traffic until Bille Rd; abandoned cars and buses; two dozers moving cars out of the way; wind very strong; completely black	×	×						TD-049	TD
11/8	16:23	14	AVL Bus1403	39.770342	-121.612350	TD	Skyway and Bille Rd; Butte County public works is in front; stop to wait for dozer to open up roadway; inside of bus is getting hot	×							TD-114	TD
11/8	16:30	0	Inferred	39.797384	-121.585483	TD	approximately 150 people at Optimo; most cars had survived around the Optimo, people refused to leave them behind when evacuating; told them to stay in convoy on prescribed route Clark Rd-Wagstaff Rd-Skyway-Chico							×	TD-127	TD
11/8	16:30	0	TD	39.738163	-121.621919	TD	assist with call on Kinsey Way; clear out trees and power lines in area on Scottwood Rd	×							TD-111	TD
11/8	16:30	0	Inferred	39.773805	-121.616054	TD	back to Lucky John Rd; resident sheltering in place								TD-100	TD
11/8	16:30	6	video	39.770271	-121.612336	TD	waiting for dozers to clear roadway; Bille Rd at Skyway; huge fire to east of Walgreens	×							TD-059	TD
11/8	16:30	20	Inferred	39.796241	-121.585127	TD	civilians drive down Clark Rd to Kmart					×		×	TD-067	TD
11/8	16:30	36	Inferred	39.812466	-121.591409	TD	power lines down on Andover Dr	×							TD-143	TD
11/8	16:30	36	Inferred	39.810726	-121.597221	TD	power lines down S Park Dr	×							TD-143	TD
11/8	16:30	36	Inferred	39.800107	-121.597527	TD	downed power lines and debris in road	×							TD-143	TD
11/8	16:32	0	Photo	39.780188	-121.603846	Photo	abandoned cars along Skyway; not burned; ground visibility hazy but good 300 ft [90 m] or more; not dark	×							TD-205	Photo
11/8	16:32	0	Photo	39.780188	-121.603846	Photo	abandoned vehicles AV115, AV116, AV117, AV118, AV119, AV120		×						TD-205	Photo
11/8	16:33	0	Photo	39.736000	-121.623189	TD	another team had picked up civilians from Kinsey Way						×		TD-111	TD
11/8	16:33	0	Photo	39.760704	-121.612425	Photo	no vehicles visible			×					TD-141	Photo
11/8	16:34	0	Radio Log	39.797241	-121.585452	TD	started evacuation of cars from Optimo to Kmart					×		×	TD-067	Radio Log
11/8	16:34	0	Radio Log	39.797384	-121.585483	Radio Log	Starting evacuation of TRA at Clark Rd and Skyway; directing 150 people down Clark Rd to Kmart with engine and LE escorts					×		×	TD-127	Radio Log
11/8	16:34	0	TD	39.776529	-121.591731	video	convoy leaving from Paradise Plaza SB on Clark Rd, single file					×		×	VTD-18	video
11/8	16:34	37	TD-127	39.797974	-121.585148	TD	engine goes up to TRA for evacuation; leading cars out, bumper to bumper; fire picking up around TRA			×	×	×		×	TD-108	TD
11/8	16:34	37	Inferred	39.796235	-121.582648	TD	go house to house on foot; found an older gentleman in surviving house; didn't want to leave; hydrants dry					×	×		TD-108	TD
11/8	16:35	0	Radio Log	39.776331	-121.590437	TD	vehicles are being evacuated from Optimo TRA to Kmart for caravan out					×		×	TD-065	Radio Log

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11/8	16:35	0	Radio Log	39.773492	-121.595730	Radio Log	vehicles are being evacuated from CMA TRA to consolidate at Kmart for caravan out					×	×		TD-065	Radio Log
11/8	16:35	0	Radio Log	39.773083	-121.595417	AVL B1609	B1609 going to send vehicles from church to join convoy and consolidate civilians to Kmart						×		TD-127	Radio Log
11/8	16:35	55	TD-065	39.776730	-121.590332	TD	Clark Rd evacuation of civilians from Kmart; did not use buses					×	×		TD-063	TD
11/8	16:35	55	Inferred	39.776331	-121.590437	TD	organize Kmart evacuation; convoys with hundreds of vehicles led by emergency personnel, no buses					×	×		TD-065	TD
11/8	16:37	14	AVL Bus1403	39.780162	-121.603885	TD	moving again; cars on fire, power lines and power poles down; fire crews working	×							TD-114	TD
11/8	16:40	0	TD	39.751633	-121.607330	video	Ace parking lot is empty (approximately 10 cars remain) no first responders staging						×		VTD-18	video
11/8	16:42	0	AVL	39.797718	-121.585284	AVL	civilians escorted out by law enforcement; stayed until TRA cleared out							×	TD-200	TD
11/8	16:44	0	Radio Log	39.748522	-121.634185	AVL	need some heavy equipment up here on Skyway, basically closed down with power lines, trees across the roadway	×							TD-017	Radio Log
11/8	16:46	0	TD	39.710239	-121.612223	video	BCSO convoy NB Clark Rd with transport van and short bus					×			VTD-18	video
11/8	16:50	0	Radio Log	39.778814	-121.624444	Radio Log	report of entrapment at Twilight Ct cross of North Point Dr; B2311 assigns E2362 (TD-123)						×		TD-123	Radio Log
11/8	16:50	0	TD	39.753842	-121.624697	TD	at Station 81; fire around the station; no civilians at station						×		TD-111	TD
11/8	16:51	7	AVL Bus1403	39.796241	-121.585127	TD	dozer comes through and clears Clark Rd; buses drive by but do not pick up anybody from Optimo [infer because no one is left there, they already went to Kmart]	×				×	×		TD-067	TD
11/8	16:52	0	AVL	39.753641	-121.607824	video	power lines down across Clark Rd between Buschmann Rd and Elliott Rd	×							TD-201	TD
11/8	16:52	0	AVL	39.752033	-121.607633	AVL	CHP leading convoy of 75 to 100 civilian vehicles and RV's out of town south down Clark Rd			×		×			TD-201	TD
11/8	16:55	0	AVL	39.765405	-121.626297	AVL	Fire all around; rescued civilian with cane walking down street and second civilian.						×		TD-014	TD
11/8	16:58	2	AVL	39.762700	-121.620617	AVL	Pick up 5 civilians in CVS parking lot and take to Kmart TRA via Elliott Rd and CMA church (Clark Rd)					×	×		TD-030	TD
11/8	16:58	16	AVL	39.796033	-121.585033	AVL	slow going down Clark Rd, worse than Skyway with abandoned vehicles	×							TD-056	TD
11/8	16:58	21	AVL	39.746072	-121.638029	AVL	Skyway near Neal Rd; Neal Rd inaccessible due to power lines, during defense of Town Hall	×							TD-017	TD
11/8	16:58	30	TD	39.797072	-121.585561	TD	waited 30 minutes; nobody here; not sent to Magalia						×		TD-049	TD
11/8	17:00	0	TD	39.753807	-121.624618	TD	Station 81; a dozen civilians; FF in utility van evacuated them, multiple trips					×	×		TD-116	TD
11/8	17:00	0	TD	39.722663	-121.538004	TD	identify safety zone								TD-140	TD
11/8	17:00	0	video	39.817703	-121.592034	video	still only about 6 vehicles at south side of Rite Aid, a few different than the afternoon							×	VTD-31	video
11/8	17:00	24	Inferred	39.721397	-121.541899	TD	homeowner present — told them to leave via Lunt Rd; Linda engine doing structure preparation [11357 Nelson Bar]				×				TD-140	TD
11/8	17:00	355	TD-114	39.815913	-121.590257	TD	loaded buses at church, area surrounded by fire, transport to staging area with long buses					×	×		VTD-08	TD
11/8	17:00	355	TD-114	39.815913	-121.590257	TD	filled up 3 times, 25-person capacity					×			VTD-08	TD
11/8	17:00	355	TD-114	39.776945	-121.590501	TD	random pick up 2 to 10 people at a time in Paradise					×			VTD-08	TD
11/8	17:01	4	AVL	39.746200	-121.647433	AVL	drop off civilians with LEO at Skway split						×		TD-014	TD
11/8	17:03	0	Radio Log	39.746200	-121.647433	AVL	tree on car, base is 20 inches [50 cm]	×							TD-014	TD
11/8	17:03	15	AVL	39.785000	-121.586500	AVL	Clark Rd at Forest Service Rd [waiting for roadway to clear, B-Line bus convoy SB]; ran into D2103	×							TD-201	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source	
11/8	17:04	0	Radio Log	39.746169	-121.647408	Radio Log	advised of tree down on vehicle blocking Skyway	×								TD-017	TD
11/8	17:05	0	Radio Log	39.778814	-121.624444	Radio Log	requesting address for rescue assignment in area [Twilight Ct]						×			TD-123	Radio Log
11/8	17:11	0	video	39.783960	-121.586928	video	convoy of B-Line buses SB on Clark Rd at Forest Service Rd; CAL FIRE dozers and crews NB			×		×				TD-108	TD
11/8	17:11	0	Photo	39.783949	-121.586958	Photo	traffic northbound stopped; southbound 5 buses and loader moving slowly			×		×				TD-108	Photo
11/8	17:14	0	AVL Bus1403	39.776164	-121.590290	TD	stage at Kmart; fire behind the Kmart; lots of resources and civilian POV in parking lot, but not packed							×		TD-114	TD
11/8	17:14	0	Photo	39.770370	-121.616153	Photo	AV012, AV013		×							TD-127	Photo
11/8	17:14	132	AVL	39.777057	-121.590392	AVL	waiting at Kmart, was given food and water; all buses left at same time; all seats full about 40 persons, nobody standing					×		×		TD-056	TD
11/8	17:14	132	AVL Bus1406	39.776581	-121.590315	TD	Kmart; several big buses, 2 or 3 small buses					×		×		TD-059	TD
11/8	17:14	132	Inferred	39.815026	-121.590487	TD	to Sav-Mor in Magalia; civilians were being brought to church and Sav-Mor; including mobility impaired people, wheelchairs					×	×	×		TD-059	TD
11/8	17:14	132	Inferred	39.815026	-121.590487	TD	first load was 9 people and 7 or 8 dogs; took people to big buses at Kmart					×		×		TD-059	TD
11/8	17:14	132	Inferred	39.776596	-121.590423	TD	gusty wind at Kmart; a few cars coming in and out of lot			×		×		×		TD-059	TD
11/8	17:14	166	TD	39.815047	-121.590572	TD	drive to Magalia Sav-Mor with fire escort; fire burning in area around Sav-Mor; pick up woman in wheelchair, take to Kmart on next big bus out					×		×		TD-114	TD
11/8	17:14	341	AVL Bus1403	39.777000	-121.590299	AVL Bus1403	CAL FIRE bringing people to the buses at Kmart; 2 h to 3 h					×		×		TD-057	TD
11/8	17:14	341	AVL Bus1403	39.777000	-121.590299	AVL Bus1403	other bus had a lot of people; this bus only picked up 2 or 3 people					×		×		TD-057	TD
11/8	17:14	341	AVL Bus1403	39.777000	-121.590299	AVL Bus1403	stayed at Kmart with [B-Line driver] to get stragglers					×		×		TD-057	TD
11/8	17:15	0	AVL	39.776617	-121.589867	AVL	Take civilians to Kmart; Cars and buses in Kmart parking lot							×		TD-030	TD
11/8	17:15	30	Inferred	39.796235	-121.582648	Radio Log	back to beg man to leave; still refuses [1574 Gate Ln]					×	×			TD-108	TD
11/8	17:18	0	TD	39.776583	-121.590218	TD	3 buses diverted to Kmart to transport people out and support evacuation					×		×		TD-047	TD
11/8	17:21	0	AVL	39.798015	-121.585091	AVL	no civilians at Optimo TRA							×		TD-201	TD
11/8	17:23	37	AVL	39.777850	-121.620867	AVL	777 Wagstaff Rd; paraplegic man in wheelbarrow rescued by friend and sheltered in creek; taken out on backboard to medic							×		TD-203	TD
11/8	17:25	0	Radio Log	39.777500	-121.620783	AVL	request medic for burn patient on Wagstaff Rd						×			TD-128	Radio Log
11/8	17:25	0	AVL B1609	39.773083	-121.595417	AVL B1609	B1609 has moved all vehicles from CMA to Kmart							×		TD-127	Radio Log, AVL B1609, Inferred
11/8	17:26	4	AVL	39.779233	-121.623617	AVL	rescue couple on Twilight Ct						×			TD-123	AVL
11/8	17:29	0	AVL	39.759483	-121.623667	AVL	Two large power poles blocking road, but drove around	×								TD-030	TD
11/8	17:29	9	AVL	39.783605	-121.600068	AVL	burned up cars and school bus on Skyway		×							TD-201	TD
11/8	17:29	41	AVL	39.777623	-121.620586	AVL	helped care for paraplegic man, loaded into medic; 3rd degree burns on legs and feet; additional uninjured civilian present						×			TD-205	TD
11/8	17:30	23	Inferred	39.725603	-121.656827	TD	DT2 and DOZ3 drive out, can't see road; both lanes open; news crew with us			×						TD-106	TD
11/8	17:33	0	Photo	39.784355	-121.598993	Photo	abandoned cars, bus AV067, AV068, AV069, AV070, AV071, AV072, AV073, AV074, AV075, AV076, AV077, AV078, AV079, AV080, AV081, AV082, AV083,		×							TD-201	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source			
							AV084, AV085, AV086, AV088, AV089, AV090, AV091, AV092, AV093, AV094, AV095, AV096, AV097, AV098, AV099, AV100, AV101, AV102, AV103, AV104, AV105, AV106, AV107, AV108, AV109, AV110, AV111, AV112, AV113, AV114, AV115, AV116, AV117, AV118, AV119, AV120, AV122, AV123, AV138												
11/8	17:35	5	AVL	39.779000	-121.624450	AVL	Twilight Ct at North Point Dr; 2 residents that were trapped at Twilight Ct have been removed and escorted out [via Radio Log 17:40]						×			TD-014	Radio Log		
11/8	17:38	4	AVL	39.746169	-121.647408	AVL	Arrives at Skyway split car collision with tree down in road; Type 3 strike team assisted	×									TD-017	TD	
11/8	17:41	0	AVL	39.777621	-121.620824	AVL	burn victim on Wagstaff Rd, with Shasta strike team; medics still not here yet [radio]						×				TD-014	Radio Log	
11/8	17:42	2	AVL	39.776933	-121.590400	AVL	Kmart; lot is mostly empty							×			TD-015	TD	
11/8	17:49	0	video	39.780637	-121.603462	TD	all structures burned down, still flaming; abandoned vehicles on Skyway; weaving around power lines	×									TD-108	video	
11/8	17:49	0	Photo	39.780901	-121.603202	Photo	abandoned cars AV104, AV105, AV106, AV107, AV108, AV109, AV110, AV111, AV112, AV113, AV114, AV115, AV116, AV117, AV118, AV119, AV120, AV122, AV123		×								TD-108	Photo	
11/8	17:54	96	Inferred	39.659484	-121.646416	AVL	3500 Cory Canyon Rd; defended and backburned by resident; main fire had not reached here yet											TD-102	TD
11/8	17:56	0	Radio Log	39.796223	-121.582639	Radio Log	requesting LE to Cabernet Ln [1574 Gate Ln] for elderly subject refusing to leave; fire is going to impact his structure; reported from USFS engine					×						TD-127	Radio Log
11/8	18:12	0	Radio Log	39.774467	-121.685367	AVL	fire is making run into Zinfandel Dr and Pam Ct; going door to door to ensure evacuations				×							TD-012	TD
11/8	18:12	0	Radio Log	39.778764	-121.690199	Radio Log	"We're going to need [evacuation orders for] all of Wilder Dr, Zinfandel Dr, basically everything from Santos Ranch Rd to the Buzztail community."				×							TD-012	Radio Log
11/8	18:12	74	AVL	39.777000	-121.590391	AVL	Kmart; lots of smoke; parking lot almost empty; loaded bus with 47 people, full of people and pets					×		×				TD-049	TD
11/8	18:26	1	AVL	39.769673	-121.583495	AVL	on Bille Rd; driving under/over/around power lines, burned and abandoned cars, cars on fire. Remnant of head-on collision.		×									TD-109	TD
11/8	18:33	0	AVL	39.783717	-121.599683	AVL	buses and vehicles all burned	×										TD-087	TD
11/8	18:33	0	Photo	39.721413	-121.541900	TD	fire approaching house, and homeowner leaves					×						TD-137	TD
11/8	18:41	0	Radio Log	39.757806	-121.648447	Radio Log	check in with P2122; doing good, was able to pull a few people out of the valley ridge area						×					TD-017	Radio Log
11/8	18:45	0	Radio Log	39.717835	-121.578051	Radio Log	WT45; Pentz Rd at Country Canyon Ranch, power lines down blocking access to water source	×										TD-014	Radio Log
11/8	18:45	0	Radio Log	39.717822	-121.578048	Radio Log	Pentz Rd at Country Ranch, lines are down blocking off access to water source; directed to hydrant at Skyway and Old Skyway	×										TD-115	Radio Log
11/8	18:46	29	AVL	39.776333	-121.590383	AVL	Pick up civilian and dog; take to Kmart					×	×	×				TD-030	TD
11/8	19:00	10	AVL	39.817925	-121.591710	AVL	begin Rite Aid shelter-in-place							×				TD-014	TD
11/8	19:15	0	Inferred	39.723038	-121.540359	TD	informed that civilians are sheltering in a house in the area				×							TD-140	TD
11/8	19:20	0	Radio Log	39.785083	-121.588100	AVL	power pole burning at Station 35	×										TD-014	Radio Log
11/8	19:26	0	AVL	39.777000	-121.590391	AVL	leave Kmart; leading convoy					×	×					TD-049	TD
11/8	19:26	0	AVL Bus1406	39.776315	-121.591131	TD	caravan with lots of cars leaves Kmart before buses, led by police			×		×	×					TD-059	TD
11/8	19:26	17	Inferred	39.774500	-121.610177	AVL	loader helped raise downed power lines	×										TD-056	TD
11/8	19:27	66	AVL	39.805977	-121.583638	AVL	Sioux Ct; structure had been saved; civilians running around; LE in area for looting				×							TD-087	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source	
11/8	19:30	10	AVL	39.660946	-121.749757	AVL	around Neal Rd, CA-99, Oro-Chico Hwy; no traffic control, civilians are around watching; CHP closes road			×						TD-201	TD
11/8	19:34	0	Radio Log	39.660946	-121.749757	AVL	request LE road closure on Oro-Chico Hwy; fire has jumped CA-99			×						TD-201	Radio Log
11/8	19:39	0	video	39.714565	-121.611271	video	vehicle crash at Good View Dr; has already happened		×							TD-130	video
11/8	19:39	0	Photo	39.714565	-121.611271	Photo	vehicle collision AV139, AV140		×							TD-130	Photo
11/8	19:42	0	Radio Log	39.770346	-121.612344	Radio Log	about 20 vehicles and 3 buses headed down Skyway past Bille Rd toward downtown					×		×		TD-127	Radio Log
11/8	19:42	0	Radio Log	39.776444	-121.590387	Inferred	about 20 vehicles and 3 buses headed down Skyway past Bille Rd toward downtown					×		×		TD-127	Radio Log
11/8	19:44	0	Radio Log	39.735227	-121.766497	Radio Log	Oroville ECC advising of residents needing evacuation assistance in Stilson Canyon, fire approaching area					×	×			TD-012	Radio Log
11/8	19:45	193	Inferred	39.785449	-121.590414	TD	drop off dog at Station 35						×			TD-111	TD
11/8	19:46	0	Radio Log	39.778644	-121.690193	Radio Log	10 engines are engaged in Wilder Rd; advising IC that there is a good chance fire will cross CA-32 into the park area			×						TD-012	Radio Log
11/8	19:48	4	Radio Log	39.734963	-121.764780	Radio Log	P2127 in Stilson Canyon, fire not here yet but making strong push down the canyon; has not been evacuated yet			×						TD-012	Radio Log
11/8	20:00	0	TD	39.776493	-121.590287	TD	Kmart, putting people into big buses for ride out					×		×		TD-114	TD
11/8	20:00	60	TD	39.707281	-121.790640	TD	took 2 buses to Neighborhood Church, Notre Dame Blvd; hundreds to 1000 people there; staged and ready in case needed to evacuate shelter if fire spread					×		×		TD-048	TD
11/8	20:00	165	Inferred	39.759122	-121.645506	TD	homeowner stayed to defend at Valley Ridge Dr/ Valley View Dr; engine is low on water, no water in area to refill; advise resident to leave but he stays				×					TD-111	TD
11/8	20:02	0	Radio Log	39.734963	-121.764780	Radio Log	Chico Div 2 with Chico E4 and E5 in Stilson Canyon, helping PD with evacuations; fire will hit sooner than later				×	×				TD-012	Radio Log
11/8	20:09	0	AVL	39.707032	-121.790712	AVL	dome church: people run off bus, but church is full; load people back onto bus					×		×		TD-056	TD
11/8	20:14	41	TD	39.746578	-121.644624	TD	driving down Skyway; it's empty			×						TD-112	TD
11/8	20:17	42	AVL	39.701500	-121.785283	AVL	Southgate Ln at CA-99; face to face with [FF]; discussing fire threat to gold dome church 2500 to 3000 evacuees					×				TD-201	TD
11/8	20:17	42	AVL	39.707354	-121.790399	TD	gold dome church has 2500 to 3000 evacuees							×		TD-201	TD
11/8	20:18	12	AVL	39.769267	-121.582500	AVL	Bille Rd near Pentz Rd; cleared Bille Rd of burned vehicles	×								TD-129	TD
11/8	20:22	0	Radio Log	39.772723	-121.616042	Radio Log	"Request PG&E to 888 Deer Creek Rd for power lines down; need them cut for a rescue."	×					×			TD-127	Radio Log
11/8	20:30	0	TD	39.743534	-121.657006	TD	to hospital in Chico via regular SB lanes on Skyway			×						TD-059	TD
11/8	20:32	20	AVL	39.748984	-121.607700	AVL	Clark Rd was clear			×						TD-129	TD
11/8	20:35	28	AVL	39.773648	-121.596940	AVL	CMA Church parking lot empty; few empty cars, one woman; advise her to go to Kmart to get on buses but she won't go					×		×		TD-205	TD
11/8	20:45	0	AVL	39.760771	-121.806860	AVL	Elks Lodge to drop off evacuees; Neighborhood Church no longer accepting					×		×		TD-049	TD
11/8	20:48	0	Radio Log	39.753699	-121.623786	Radio Log	large animal rescue — 2 horses at black olive and PPD; release 9234G						×			TD-017	Radio Log
11/8	20:57	14	AVL	39.760771	-121.806860	AVL	Elks Lodge; unload people at shelter							×		TD-056	TD
11/8	21:00	0	TD	39.717714	-121.719930	TD	residents in a house are watching TV; defensible space; hoses run around property on water tank; waiting for fire to arrive; generator power									TD-117	TD
11/8	21:03	0	Radio Log	39.928480	-121.648222	Radio Log	request evacuation order from Platt Mtn Rd down to Chico; winds have picked up tremendously gusting 30 mi/h to 40 mi/h [13 m/s to 18 m/s]. New trigger point: if fire crosses CA-32, evacuations for Cohasset				×					TD-012	Radio Log

A-95

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/8	21:38	10	AVL	39.811847	-121.582312	AVL	Sugar Pine Dr; civilians in area all over; resident on porch, "ready to go, but I'm not going yet"				×				TD-087	TD
11/8	21:52	20	AVL	39.776750	-121.626883	AVL	USFS fire guy stayed behind [at his residence 6378 Oliver Rd] and rescued civilian with melted taillights						×		TD-200	TD
11/8	22:00	60	TD	39.656640	-121.659892	TD	check other homes on Cory Canyon Rd and Cobble Creek Rd; most standing, a few had burned; some residents had sheltered in homes								TD-102	TD
11/8	22:05	0	AVL	39.721550	-121.536683	AVL	fire just getting to big ranch house from ridge above, N/NE; gusty and swirling winds; knocked on door - no answer				×				TD-062	TD
11/8	22:11	0	Radio Log	39.735889	-121.585016	Radio Log	Oro: "Received a call from a spouse calling about her husband who went back to the residence at 5157 Edgewood Ln. She hasn't heard back from him." — "Copy, we'll try and locate."						×		TD-014	Radio Log
11/8	22:20	32	TD-014	39.735889	-121.585016	AVL TD-014	medical aid call at end of Sawmill Rd [Edgewood Ln]; ORO-E10, [TD-014], medic						×		TD-055	TD
11/8	22:20	32	TD-014	39.735777	-121.585273	Radio Log	medical aid call at end of Edgewood Ln; multiple civilians had stayed behind to defend; structure standing at the time						×		TD-020	TD
11/8	22:29	23	AVL	39.735889	-121.585016	AVL	Edgewood Ln welfare check — no rescue, they were fine						×		TD-014	Radio Log
11/8	22:40	0	Photo	39.784540	-121.598763	Photo	abandoned vehicles AV072, AV073, AV074, AV082, AV083, AV084, AV085		×						TD-205	Photo
11/8	22:51	0	Radio Log	39.747786	-121.635324	Radio Log	request for utility crew 5423 Skyway for lines down	×							TD-017	Radio Log
11/8	22:54	2	AVL	39.760917	-121.634633	AVL	Crestview Dr; tree down across road	×							TD-015	TD
11/8	22:55	0	AVL Bus1403	39.776246	-121.591736	TD	convoy left Kmart; went out via Clark Rd, Bille Rd, Skyway, to the fairgrounds					×	×		TD-114	TD
11/8	22:55	25	Inferred	39.714030	-121.787903	AVL Bus1403	escorted down Skyway to Bruce Rd, 2 or 3 buses					×	×		TD-057	TD
11/8	22:58	0	Radio Log	39.757549	-121.652846	Radio Log	request for animal control to pick up dog from Station 35; was rescued by strike team at 113 Point West Dr						×		TD-127	Radio Log
11/8	23:01	0	AVL	39.759367	-121.626433	AVL	cut powerline	×							TD-015	TD
11/8	23:23	74	AVL	39.834856	-121.576585	TD	evacuation of civilians on Coutolenc Rd north of Winchester Ct, requested help from LE				×	×			TD-061	TD, Radio Log
11/8	23:30	67	Inferred	39.834203	-121.571201	TD	evacuate a resident					×	×		TD-126	TD
11/8	23:32	10	AVL	39.703904	-121.756177	Inferred	checking Spanish Garden subdivision — no civilians				×				TD-201	TD
11/8	23:44	0	AVL Bus1403	39.760771	-121.806860	AVL Bus1403	went to Elks Lodge in Chico					×	×		TD-057	TD
11/8							rescue older man walking up Pentz Rd on crutches; took to ER						×		TD-103	TD
11/8				39.931745	-122.033017	TD	shutdown CA-99 at South Ave north of Chico near Vina Rd			×					TD-019	TD
11/8				39.736439	-121.819470	TD	Shut CA-99 at CA-32			×					TD-019	TD
11/8				39.714860	-121.800813	TD	sent all Skyway traffic south on CA-99			×					TD-019	TD
11/8				39.714085	-121.788067	TD	changed Bruce Rd to two lanes NB			×					TD-019	TD
11/8				39.713882	-121.787627	TD	4 lanes downhill from Skyway; reduced to two lanes at Bruce Rd			×					TD-019	TD
11/8				39.665705	-121.743902	TD	[Sergeant] coordinated with Caltrans to change the traffic light at Neal Rd and CA-99			×					TD-019	TD
11/8				39.714027	-121.788078	TD	Chico PD blocked Skyway, sent traffic north on Bruce Rd to CA-32			×					TD-054	TD
11/8				39.741948	-121.791842	TD	initially no traffic control at CA-32 and Bruce Rd; BCSO sorted out traffic			×					TD-054	TD
11/8							traffic 2 lanes, heavy fire			×					TD-077	Photo

NIST TN 2252 sup
July 2023

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/9	00:00	13	AVL	39.706787	-121.739586	AVL	checking Oak Ridge subdivision — no civilians				×				TD-201	TD
11/9	00:00	1439	TD	39.817712	-121.592042	TD	picked up 27 more people from Rite Aid in Magalia and took to Gridley					×	×		TD-049	TD
11/9	00:38	0	Radio Log	39.785551	-121.590337	AVL	coordination to get multiple power crews up into town to work on clearing lines to improve access for tomorrow, main roads look okay, but plenty of work to be found	×							TD-014	Radio Log
11/9	00:49	0	Radio Log	39.714953	-121.724329	Radio Log	request for PG&E crew to clear power lines on Honey Run Rd to Centerville. Lines are preventing access. [radio again at 01:13, crews on the way]	×							TD-009	Radio Log
11/9	00:53	0	Radio Log	39.815090	-121.573200	Radio Log	fire making major run across Coutolenc Rd, 30 mi/h [18 m/s] winds aligned with drainages; confirming evacuation orders of Magalia; upgrade N Coutolenc and N Firhaven zones to mandatory evacuation				×				TD-061	Radio Log
11/9	01:00	60	TD	39.812768	-121.578424	TD	can't hold fire at Skyway; at intersection TRA for about an hour with 2 additional strike teams (maybe CAL FIRE and Sacramento Metro FD)							×	TD-126	TD
11/9	01:17	0	AVL	39.817934	-121.592079	AVL	people are at Rite Aid TRA							×	TD-123	TD
11/9	01:24	0	Photo	39.814744	-121.583975	Photo	no vehicles visible			×					TD-127	Photo
11/9	01:30	0	Inferred	39.807463	-121.578736	TD	engines move to gravel lot in Old Magalia							×	TD-043	TD
11/9	01:33	113	AVL	39.808001	-121.578911	AVL	Magalia Community Church; large open lot								TD-087	TD
11/9	01:48	9	AVL	39.815276	-121.582807	AVL	parked on the dam with civilians in a vehicle and other engine							×	TD-061	TD
11/9	01:49	0	Radio Log	39.817931	-121.591832	Radio Log	trying to access the inside of Rite Aid to shelter civilians; fire front at Rite Aid with ember cast onto the roof							×	TD-127	Radio Log
11/9	01:50	309	AVL	39.816250	-121.590383	AVL	Magalia Pines Baptist Church; protect church with E2356, B2311; 30 civilians; Subway is gone, and propane tanks are venting							×	TD-122	TD
11/9	01:58	3	AVL E2184	39.817963	-121.591744	video	inside Rite Aid; spot fires across Skyway, ember showers, light winds; 1 engine on west side of Rite Aid; fire torching east just behind video store; west side parking lot empty; more civilians have arrived, several vehicles at SW corner (~12 total maybe)					×	×		VTD-31	video
11/9	01:58	94	AVL	39.816167	-121.590400	AVL	Magalia Pines Baptist Church; civilians taking refuge, 20 to 30 civilians at TRA; not on fire initially, did save/defend							×	TD-109	TD
11/9	02:00	60	TD	39.818381	-121.592434	TD	still civilians evacuating from Magalia, 02:00 to 03:00					×			TD-041	TD
11/9	02:00	84	AVL	39.813922	-121.592928	AVL	a few cars evacuating; woman on foot tried evacuating earlier in day but too much traffic. Man with cane and oxygen crashes van in ditch says "finally decided to evacuate now"; sending people to Rite Aid and Sav-mor					×	×		TD-061	TD
11/9	02:00	120	Inferred	39.817630	-121.592333	TD	civilians attempt to drive to Paradise but return with melted cars			×		×			TD-127	TD
11/9	02:00	120	Inferred	39.817911	-121.591887	TD	assemble civilians in Rite Aid; no hydrants working							×	TD-127	TD
11/9	02:00	360	Inferred	39.807781	-121.596962	TD	assigned to S Park Dr area of Magalia; structure protection; saw no residents								TD-126	TD
11/9	02:08	176	AVL	39.817592	-121.591940	AVL	[TD-127] with ~37 civilians at Rite Aid. If enough fuel, send evac North					×	×		TD-060	TD
11/9	02:10	174	AVL	39.817667	-121.591783	AVL	Civilians at Rite Aid. Had sheltered at Rite Aid before we arrived.							×	TD-084	TD
11/9	02:11	110	AVL E2184	39.817963	-121.591744	video	7 people visible inside Rite Aid, audible chatter, estimate 2 dozen total; residence across skyway fully involved; engine parked outside west side of Rite Aid							×	VTD-31	video
11/9	02:11	110	AVL E2184	39.817963	-121.591744	video	inside Rite Aid; few people inside							×	VTD-31	video
11/9	02:23	0	Photo	39.817707	-121.592195	Photo	TRA; several vehicles in parking lot of Rite Aid							×	TD-127	Photo
11/9	02:30	210	TD	39.822077	-121.595614	TD	Decatur Dr and Citadel Way — house-to-house search for civilians at structures with vehicles parked in front				×				TD-041	TD
11/9	02:30	210	TD	39.818631	-121.591974	TD	rescue elderly man in pajamas and slippers, hose barely dripping water; take to post office						×		TD-041	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/9	02:30	210	TD	39.817944	-121.591835	TD	approximately 30 to 40 civilians are at Rite Aid; multiple waves of evacuation including buses					×	×		TD-041	TD
11/9	02:46	5	AVL	39.816250	-121.590317	AVL	Magalia Pines Baptist Church — TRA						×		TD-123	TD
11/9	02:55	73	AVL	39.822098	-121.600180	AVL	S Park Dr, Creston Rd; grid streets on the horn; sending people to the church. Houses on fire, propane tanks exploding				×	×			TD-123	TD
11/9	03:12	38	AVL	39.821109	-121.601128	AVL	Creston Rd and side streets; no fire; driving along on horn and siren; telling people to go to church				×				TD-124	TD
11/9	03:28	19	AVL	39.817963	-121.591744	video	inside Rite Aid with FF; estimate 25 people visible in video; FF providing instruction to convoy out “do not deviate from that route”					×	×		VTD-31	video
11/9	03:38	9	AVL	39.817583	-121.592233	AVL	Magalia Rite Aid: civilians were inside building							×	TD-009	TD
11/9	03:46	14	AVL	39.817283	-121.592250	AVL	At Rite Aid in Magalia; fire still intense in area; 25 to 50 civilians inside Rite Aid							×	TD-045	TD
11/9	03:47	33	AVL	39.791126	-121.585359	AVL	lead 10 civilian POV from Rite Aid TRA down Skyway					×	×		TD-009	TD
11/9	03:48	0	video	39.818397	-121.592380	video	driving vehicle SB on Skyway in Magalia toward dam [clock off by 1 hour, via TD-009 AVL]					×	×		VTD-31	video
11/9	03:54	7	AVL	39.797442	-121.585459	AVL	Skyway was clear of obstructions at Clark Rd intersection			×					TD-009	TD
11/9	04:00	0	AVL	39.783444	-121.600136	TD	Skyway still blocked by abandoned and burned cars	×	×						TD-009	TD
11/9	04:03	0	video	39.757692	-121.625103	video	driving SB Skyway at Starbucks, no traffic except small convoy from Magalia Rite Aid					×	×		VTD-31	video
11/9	05:54	94	AVL	39.825435	-121.597727	AVL	Creston Rd; door-to-door and on horn, sending a few civilians to Rite Aid				×		×		TD-089	TD
11/9	06:00	300	TD	39.843128	-121.590684	TD	Rosewood Dr of Magalia was not fully evacuated by 06:00; evacuation of Magalia underway until 11:00 on 9 November				×	×			TD-041	TD
11/9	06:30	0	TD	39.843139	-121.590616	TD	civilians still in Rosewood Dr neighborhood overnight				×				TD-040	TD
11/9	06:47	115	AVL	39.846615	-121.585351	AVL	Rosewood Dr; retrieve meds from home; rescue dogs						×		TD-087	TD
11/9	07:00	30	TD	39.813028	-121.597509	TD	power lines down blocking roadway	×							TD-064	TD
11/9	07:00	30	TD	39.804668	-121.599371	TD	intense burning, cannot pass due to fire	×							TD-064	TD
11/9	07:08	11	AVL	39.815344	-121.600236	AVL	door to door on Ponderosa Way				×				TD-128	TD
11/9	07:08	13	AVL	39.814677	-121.604710	AVL	thick gray smoke; lots of structures standing; evacuating civilians and protecting neighborhood				×	×			TD-207	TD
11/9	07:09	2	AVL	39.816054	-121.598818	AVL	FF out of engines both sides of street - door to door, & on PA for evacuations. We didn't pick anyone up.				×				TD-205	TD
11/9	07:09	11	AVL	39.814854	-121.600869	AVL	assigned to door-to-door evacuations; hear on radio to leave area immediately — fire coming fast				×				TD-200	TD
11/9	07:10	12	AVL TD-203, AVL TD-128	39.814652	-121.606059	TD	door to door along Ponderosa Way; forcibly convince civilians to evacuate in engines and taken to Rite Aid				×	×	×		TD-127	TD
11/9	07:10	12	AVL	39.814647	-121.607254	AVL	make it to end of Ponderosa Way knocking on doors; elderly man needing help to get garage door open; bring him in engine to Rite Aid with [TD-127]				×	×			TD-203	TD
11/9	07:15	2	AVL	39.814567	-121.608600	AVL	civilian rescue; put him into E2462 and [TD-127]						×		TD-128	TD
11/9	07:16	2	AVL	39.814433	-121.608550	AVL	E2462 rescued elderly civilian at end of Ponderosa Way						×		TD-207	TD
11/9	07:20	0	Inferred	39.813131	-121.600646	TD	other SHU engines get to school TRA							×	TD-127	TD
11/9	07:20	3	AVL	39.815392	-121.600102	AVL	fighting with civilians who didn't want to leave (on Ponderosa Way); wind is reduced				×	×			TD-061	TD

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/9	07:20	7	Inferred	39.728044	-121.525331	TD	visibility drops to zero, told to retreat to pool but can't make it, roadway blocked by fire	×							TD-137	TD
11/9	07:20	20	Photo	39.725467	-121.503032	TD	attempt to get to Jarbo Gap station; trapped at intersection of CA-70 and Pinkston Canyon Rd with multiple other CAL FIRE	×							TD-013	TD
11/9	07:24	0	AVL	39.813333	-121.600983	AVL	at Pine Ridge School; no civilian cars or civilians in parking lot								TD-205	TD
11/9	07:25	121	AVL	39.817667	-121.592000	AVL	last of the remaining civilians get to Rite Aid						×		TD-061	TD
11/9	07:27	20	Inferred	39.717630	-121.521542	TD	residents evacuating from 11345 Concow Rd					×			TD-140	TD
11/9	08:02	88	AVL	39.836287	-121.590722	AVL	Scouting in Rosewood Dr area; finding several civilians without vehicles, sending them to Rite Aid					×	×	×	TD-045	TD
11/9	08:06	41	AVL	39.843152	-121.590655	AVL	scouting the Rosewood Dr area, a bunch of engines in the area				×				TD-060	TD
11/9	08:11	46	AVL	39.840450	-121.590617	AVL	north Magalia, Rosewood Dr area for evacuations				×				TD-089	TD
11/9	08:18	0	Photo	39.783217	-121.600475	Photo	AV016, AV017, AV018, AV019, AV020, AV021, AV022, AV067, AV068, AV069, AV070, AV071, AV072, AV073, AV074, AV075, AV076, AV077, AV078, AV079, AV080, AV081, AV082, AV083, AV084, AV085, AV086, AV087, AV088		×						TD-108	Photo
11/9	08:32	0	Photo	39.763182	-121.620137	Photo	7 parked vehicles visible in parking lot; no people visible		×					×	TD-141	Photo
11/9	08:46	4	AVL	39.816184	-121.598584	AVL	cut and pulled power lines on West Park Dr and Ponderosa Way	×							TD-128	TD
11/9	08:47	0	Photo	39.812831	-121.597570	Photo	power lines down and partially blocking West Park Dr	×							TD-205	Photo
11/9	08:52	46	AVL	39.817921	-121.592099	AVL	Meet up at Rite Aid, strike team leader meets with DIV; civilians are at the Rite Aid							×	TD-205	TD
11/9	09:00	60	Inferred	39.720007	-121.516040	TD	advise homeowner to leave, fire hasn't blown up CA-70 yet				×				TD-138	TD
11/9	09:09	15	AVL	39.846615	-121.585351	AVL	rescue elderly couple from home, bring to Rite Aid TRA						×	×	TD-087	TD
11/9	10:00	0	TD-140	39.736833	-121.526424	TD	open up the roadway between the pool and the lake	×							TD-138	TD
11/9	10:00	120	Inferred	39.762783	-121.523568	TD	receive call about guy who was in lake; DIV sent me to go get him with utility guy and LE						×		TD-140	TD
11/9	10:39	0	Photo	39.748613	-121.586272	Photo	9 cars visible AV038, AV039, AV040, AV041, AV042, AV043, AV044, AV045		×						TD-141	Photo
11/9	10:40	0	AVL	39.814725	-121.606477	AVL	Ponderosa Way all on fire now; no civilians								TD-205	TD
11/9	10:40	0	Photo	39.748626	-121.585520	Photo	7 cars visible (9 total) AV040, AV041, AV042, AV043, AV044, AV045, AV046, AV047		×						TD-141	Photo
11/9	10:45	0	Photo	39.778875	-121.605091	Photo	AV116, AV117, AV119, AV120, AV122		×						TD-041	Photo
11/9	10:46	0	Photo	39.779295	-121.604695	Photo	AV107, AV108, AV109, AV116, AV117, AV118, AV119, AV120		×						TD-041	Photo
11/9	10:46	0	Photo	39.779449	-121.604550	Photo	AV111, AV116, AV117, AV118, AV119, AV123		×						TD-041	Photo
11/9	10:46	0	Photo	39.779744	-121.604250	Photo	AV104, AV105, AV106, AV107, AV108, AV109, AV111, AV112, AV114, AV123		×						TD-041	Photo
11/9	10:47	0	Photo	39.779920	-121.604082	Photo	AV102, AV104, AV105, AV106, AV107, AV108, AV109, AV110, AV111, AV112		×						TD-041	Photo
11/9	10:47	0	Photo	39.780318	-121.603698	Photo	AV102, AV104, AV105, AV106, AV107, AV108, AV109, AV110		×						TD-041	Photo
11/9	10:47	0	Photo	39.780607	-121.603419	Photo	2 burned cars on roadside AV105, AV106		×						TD-041	Photo
11/9	10:48	0	Photo	39.781160	-121.602903	Photo	1 burned car on roadside AV138		×						TD-041	Photo
11/9	10:48	0	Photo	39.748647	-121.584638	Photo	2 burned cars on roadside AV046, AV047		×						TD-141	Photo
11/9	10:48	0	Photo	39.782175	-121.601831	Photo	AV090, AV093, AV094, AV095		×						TD-041	Photo
11/9	10:49	0	Photo	39.748651	-121.584492	Photo	AV001, AV002, AV054, AV055, AV056, AV057, AV058		×						TD-141	Photo

Date (M/D)	Time	Obs. Window (min)	Time Source	Latitude	Longitude	Location Source	NETTRA Observations	Rd Block	AV	Traffic	Notif.	Evac.	Rescue	TRA	Source #	Info. Source
11/9	10:49	0	Photo	39.748655	-121.583959	Photo	AV001, AV002, AV054, AV055, AV056, AV057, AV058		×						TD-141	Photo
11/9	10:49	0	Photo	39.783368	-121.600267	Photo	AV067, AV068, AV069, AV070, AV071, AV072, AV075, AV076, AV077, AV084		×						TD-041	Photo
11/9	10:49	0	Photo	39.783536	-121.600088	Photo	AV072, AV075, AV076, AV077, AV083, AV084		×						TD-041	Photo
11/9	11:27	20	AVL	39.763163	-121.574487	AVL	drive to Fire Station 35 to get fuel via Pentz Rd, Wagstaff Rd — maze of trees and power lines — did not cut, just zig-zag through	×							TD-103	TD
11/9	11:41	3	AVL	39.825317	-121.596950	AVL	assumed power lines down via AVL	×							TD-203	AVL
11/9	11:43	0	Photo	39.714973	-121.794877	Photo	normal looking traffic light intersection traffic			×					TD-141	Photo
11/9	11:44	0	AVL	39.816707	-121.606260	AVL	Creston Rd blocked by power lines	×							TD-207	TD
11/9	12:01	0	Photo	39.766573	-121.575676	Photo	AV127, AV141, AV142		×						TD-020	Photo
11/9	12:09	0	Photo	39.778897	-121.605069	Photo	AV067, AV068, AV069, AV070, AV071, AV072, AV073, AV075, AV076, AV077, AV078, AV079, AV080, AV081, AV082, AV083, AV085, AV086, AV087, AV088, AV089, AV090, AV091, AV092, AV093, AV094, AV100, AV101, AV103, AV104, AV105, AV106, AV107, AV108, AV109, AV110, AV111, AV112, AV113, AV114, AV115, AV116, AV117, AV118, AV119, AV120, AV122, AV123		×						TD-020	Photo
11/9	13:19	0	Photo	39.748648	-121.583463	Photo	1 burned 1 ok AV001, AV002		×						TD-103	Photo
11/10	07:45	0	Photo	39.786388	-121.595966	Photo	AV017, AV018, AV019		×						TD-205	Photo
11/10	09:04	0	Photo	39.769302	-121.582414	Photo	12 vehicles along and next to road AV024, AV025, AV026, AV027, AV028, AV029, AV030, AV031, AV032, AV033, AV034, AV121		×						TD-041	Photo
11/10	15:20	0	Photo	39.769318	-121.582632	Photo	12 vehicles AV023, AV024, AV025, AV026, AV027, AV028, AV029, AV030, AV031, AV032, AV033, AV034		×						TD-201	Photo
11/13	09:38	0	Photo	39.805145	-121.598872	Photo	burned pickup AV003		×						TD-041	Photo
11/14	10:29	0	Photo	39.748628	-121.580862	Photo	burned car AV004		×						TD-209	Photo
11/14	10:29	0	Photo	39.748622	-121.579544	Photo	upside down burned pickup AV005		×						TD-209	Photo
11/14	10:29	0	Photo	39.748644	-121.579522	Photo	upside down burned pickup AV005		×						TD-209	Photo
11/14	10:29	0	Photo	39.748881	-121.578803	Photo	burned SUV off road AV006		×						TD-209	Photo
11/14	10:30	0	Photo	39.750713	-121.576600	Photo	2 cars burned pushed to shoulder AV007, AV008		×						TD-209	Photo
11/18	07:03	0	Photo	39.714630	-121.611450	Photo	appears pickup truck ran off the road and hit fence and car AV139, AV140		×						TD-041	Photo
11/21	13:29	0	Photo	39.785720	-121.506019	Photo	AV015		×						TD-127	Photo
11/26	11:20	0	Photo	39.770007	-121.612549	Photo	burned car in parking lot		×						TD-127	Photo

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Appendix B. Roadway Characteristics

Table B-1 lists the characteristics of the primary roadways within the fire and evacuation region. Roadways were surveyed via aerial imagery and GIS and were divided into segments based on the number lanes or the width of the road. Significant deviations of short distances were noted but were not separated into individual segments.

The segments of each roadway are listed in sequence from north to south or east to west. The segment endpoints are listed as “Segment N/E” and “Segment S/W.” In the cases where there is a divided roadway, the opposing directions are listed separately.

The length of each segment was measured via GIS from a layer generated based off U.S. Census Bureau TIGER/Line Shapefiles. The total marked width (i.e., distance between out edges of the lane markings denoted by white fog lines) and pavement widths were measured from aerial or satellite imagery via GIS. Uncertainty in the width measurements is estimated to be 1 ft (0.3 m). Measurements are presented in miles and feet for the convenience of the primary US audience. For conversion to SI, 1 mi = 1.609 km.

The number of marked lanes is shown; the number of normal travel lanes and any special lanes are distinguished. “Special lanes” generally refers to a common center turn lane. In some cases, there are single direction turn lanes. The type of special lane(s) and any other notable deviation(s) from the number of lanes or roadway widths are described in the “Notes” column.

The number of lanes feasibly usable for evacuations during the Camp Fire was also assessed for each segment. The number of evacuation lanes is listed for cases where the number of evacuation lanes differs from the total number of lanes. Where no value is listed, the total number of travel lanes could have been used for one-way evacuation traffic flow. The total evacuation width was determined by the marked lane width, using the normal travel direction of evacuations for segments with two-way traffic.

See Figs. 7 through 10 (Sec. 4) in the main report for maps.

Table B-1. Characteristics of primary roadways within the fire area or related to regional evacuation. (1 ft = 0.3048 m, 1 mi = 1.609 km)

ID	Roadway	Segment N/E	Segment S/W	Segment Length (mi)	Number of Lanes			Marked Width (ft)	Pavement Width (ft)	Evac. Lanes	Total Evac. Width (ft)	Notes
					Travel	Special	Total					
1	Pentz Rd	Skyway	Eden Roc Dr	2.23	2	0	2	20	24			
2	Pentz Rd	Eden Roc Dr	Garden Dr	0.81	2	0	2	20	22			
3	Pentz Rd	Garden Dr	Canyon View Dr	0.14	2	1	3	32	36		Center turn lane.	
4	Pentz Rd	Canyon View Dr	DeMille Ln	1.53	2	0	2	20	22			
5	Pentz Rd	DeMille Ln	CA-70	6.25	2	0	2	26	33			
6	Clark Rd	Skyway	Cabernet Ln	0.10	2	0	2	25	42			
7	Clark Rd	Cabernet Ln	Wagstaff Rd	1.33	2	0	2	22	25			
8	Clark Rd	Wagstaff Rd	Kmart	0.07	4	1	5	65	65		Center turn lane.	
9	Clark Rd	Kmart	Dollar General	0.15	4	1	5	55	55		Center turn lane.	
10	Clark Rd	Dollar General	Armstrong Pl	0.18	4	0	4	48	48		No center turn lane in this segment.	
11	Clark Rd	Armstrong Pl	Elliott Rd	1.18	4	1	5	56	56		Center turn lane.	
12	Clark Rd	Elliott Rd	Pearson Rd	0.50	4	1	5	60	60		Center turn lane.	
13	Clark Rd	Pearson Rd	Buschmann Rd	0.33	2	0	2	24	38			
14	Clark Rd	Buschmann Rd	American Way	0.85	2	0	2	24	33			
15	Clark Rd	American Way	Easy St	0.16	2	1	3	36	45		SB left turn lane.	
16	Clark Rd	Easy St	"new grade"	1.59	2	0	2	24	30			
17	Clark Rd	"new grade"	"old grade"	1.54	2	0	2	25	40		Clark Rd was realigned south of Airport Rd to straighten curves, widen shoulders, and reduce the grade. "New grade" refers to this section, from 0.6 km to 2.7 km south of Airport Rd.	
18	Clark Rd	"old grade"	CA-70	6.80	2	0	2	24	30			
19	Neal Rd	Skyway Rd	Wayland Rd	1.65	2	0	2	20	21			
20	Neal Rd	Wayland Rd	Indian Springs Rd	0.10	2	0	2	20	24			
21	Neal Rd	Indian Springs Rd	S of 5000 Neal Rd	2.01	2	0	2	18	19			
22	Neal Rd	S of 5000 Neal Rd	CA-99	4.63	2	0	2	22	31			

ID	Roadway	Segment N/E	Segment S/W	Segment Length (mi)	Number of Lanes			Marked Width (ft)	Pavement Width (ft)	Evac. Lanes	Total Evac. Width (ft)	Notes
					Travel	Special	Total					
23	Skyway	Inskip	Stirling City	3.69	2	0	2	18	18	1	9	
24	Skyway	Stirling City	Stirling City	0.55	2	0	2	25	25	1	12	
25	Skyway	Stirling City	Nimshew Dr	8.00	2	0	2	23	25	1	11	
26	Skyway	Nimshew Dr	Woodward Dr	1.17	2	0	2	23	30	1	11	
27	Skyway	Woodward Dr	S Park Dr	1.82	2	1	3	32	40	2	21	Center turn lane.
28	Skyway	S Park Dr	Coutolenc Rd	0.97	2	0	2	22	30			
29	Skyway	Coutolenc Rd	Pentz Rd	0.94	2	0	2	24	26			
30	Skyway	Pentz Rd	Clark Rd	0.36	2	0	2	22	28			
31	Skyway	Clark Rd	Coldren Ln	0.53	2	0	2	22	30			
32	Skyway	Coldren Ln	Wagstaff Rd	1.24	2	0	2	22	24			
33	Skyway	Wagstaff Rd	Lisa Ln	0.38	2	0	2	22	45			Pinch point reduction to 9.1 m (30 ft) at Thomasson Ln.
34	Skyway	Lisa Ln	Bille Rd	0.23	2	0	2	22	30			
35	Skyway	Bille Rd	Elliot Rd	1.02	4	1	5	60	60			Center turn lane.
36	Skyway	Elliot Rd	Wildwood Ln	0.14	3	1	4	46	60			Center turn lane.
37	Skyway	Wildwood Ln	Pearson Rd	0.33	2	1	3	36	60			Center turn lane. Pavement width includes shoulders marked for parallel parking. Pinch points for pedestrian crossings and parallel parking narrow the roadway to the indicated fog line width.
38	Skyway	Pearson Rd	Neal Rd	0.72	4	1	5	60	60			Center turn lane. Pedestrian island blocks center turn lane at Town Hall.
39	Skyway	Neal Rd	Health Center	0.12	4	2	6	72	72			NB left and right turn lanes.
40	Skyway	Health Center	Longview Dr	0.13	4	1	5	58	63			Center turn lane.
41	Skyway	Longview Dr	Princeton Way	0.06	4	0	4	50	58			
42	Skyway	Princeton Way	"lane divide"	0.10	4	1	5	56	60			NB left turn lane.
43	Skyway SB	"lane divide"	Potter Rd	8.73	2	0	2	23	28			
44	Skyway SB	Potter Rd	Bruce Rd	0.32	2	0	2	25	35			
45	Skyway SB	Bruce Rd	Forest Ave	0.25	2	0	2	27	30			

ID	Roadway	Segment N/E	Segment S/W	Segment Length (mi)	Number of Lanes			Marked Width (ft)	Pavement Width (ft)	Evac. Lanes	Total Evac. Width (ft)	Notes
					Travel	Special	Total					
46	Skyway SB	Forest Ave	CA-99	0.28	3	0	3	35	40			
47	Skyway NB	"lane divide"	Potter Rd	8.79	2	0	2	23	28			
48	Skyway NB	Potter Rd	Forest Ave	0.58	2	0	2	26	30	0	0	
49	Skyway NB	Notre Dame Blvd	CA-99	0.28	2	1	3	33	36	0	0	Turn lanes at Notre Dame Blvd.
50	Skyway	CA-99	Carmichael Dr	0.42	4	0	4	48	58	2	21	
51	Skyway	CA-99	Park Ave	0.47	4	0	4	44	60	2	22	
52	Skyway SB ramp to CA-99 NB	Skyway SB	—	0.09	1	0	1	12	20			
53	Skyway SB ramp to CA-99 NB	—	—	0.22	2	0	2	24	35			
54	Skyway SB ramp to CA-99 NB	—	CA-99 NB	0.05	1	0	1	12	35			
55	Skyway SB ramp to CA-99 SB	Skyway SB	CA-99 SB	0.28	1	0	1	12	28			
56	Skyway NB ramp to CA-99 NB	Skyway NB	CA-99 NB	0.26	1	0	1	20	30	0	0	
57	Skyway NB ramp to CA-99 SB	Skyway NB	CA-99 SB	0.39	1	0	1	12	24	0	0	
58	Pearson Rd	Pentz Rd	Clark Rd	2.29	2	0	2	22	33			
59	Pearson Rd	Clark Rd	Mallan Ln	0.41	2	1	3	33	60			Center turn lane and shoulder parallel parking.
60	Pearson Rd	Mallan Ln	Academy Dr	0.10	2	1	3	33	46			Center turn lane and WB shoulder parallel parking.
61	Pearson Rd	Academy Dr	Sierra Park Dr	0.33	2	1	3	33	40			Center turn lane.
62	Pearson Rd	Sierra Park Dr	Black Olive Dr	0.05	2	0	2	22	49			Center dividing median.
63	Pearson Rd	Black Olive Dr	Foster Rd	0.13	4	0	4	46	60			Shoulder parallel parking.
64	Pearson Rd	Foster Rd	Skyway	0.13	4	0	4	46	54			Shoulder parallel parking.
65	Elliott Rd	Sawmill Rd	Bettencourt Ln	0.62	2	0	2	21	22			
66	Elliott Rd	Bettencourt Ln	Copeland Rd	0.12	2	0	2	22	28			
67	Elliott Rd	Copeland Rd	Clark Rd	0.20	2	0	2	32	32			
68	Elliott Rd	Clark Rd	Skyway	0.92	2	0	2	22	30			

B-4

ID	Roadway	Segment N/E	Segment S/W	Segment Length (mi)	Number of Lanes			Marked Width (ft)	Pavement Width (ft)	Evac. Lanes	Total Evac. Width (ft)	Notes
					Travel	Special	Total					
69	Bille Rd	Pentz Rd	Sawmill Rd	0.55	2	0	2	22	26			
70	Bille Rd	Sawmill Rd	Clark Rd	0.47	2	0	2	26	26			
71	Bille Rd	Clark Rd	Skyway	0.78	2	0	2	22	28			
72	Bille Rd	Skyway	Oliver Rd	0.76	2	0	2	20	22			
73	Wagstaff Rd	Pentz Rd	Clark Rd	0.59	2	0	2	20	25			
74	Wagstaff Rd	Clark Rd	Skyway	0.83	2	0	2	22	24			
75	Wagstaff Rd	Skyway	Oliver Rd	1.18	2	0	2	20	21			
76	Sawmill Rd	Bille Rd	Pearson Rd	1.51	2	0	2	20	22			
77	Foster Rd	Pearson Rd	Buschmann Rd	0.32	2	0	2	20	22			
78	Foster Rd	Buschmann Rd	Wayland Rd	1.67	2	0	2	20	20			
79	Wayland Rd	Foster Rd	Neal Rd	1.42	2	0	2	19	19			
80	Oliver Rd	Wagstaff Rd	Valley View Dr	0.82	2	0	2	20	21			
81	Oliver Rd	Valley View Dr	Skyway	0.42	2	0	2	23	24			
82	Buschmann Rd	Clark Rd	Foster Rd	1.01	2	0	2	25	25			
83	Durham-Pentz Rd	Pentz Rd	Clark Rd	3.93	2	0	2	24	34			
84	Durham-Pentz Rd	Clark Rd	Ranch Rd	3.90	2	0	2	22	31			
85	Durham-Pentz Rd	Ranch Rd	Oroville-Chico Hwy	1.55	2	0	2	22	38			
86	Durham-Pentz Rd ramp to CA-99 NB	Durham-Pentz Rd	CA-99 NB	0.42	1	0	1	14	22	0	0	
87	Durham-Pentz Rd ramp to CA-99 SB	Durham-Pentz Rd	CA-99 SB	0.32	1	0	1	14	22			
88	Durham-Dayton Hwy	Oroville-Chico Hwy	—	1.27	2	0	2	24	26	1	11	
89	Concow Rd	Pine Cluster Ln	CA-70	6.69	2	0	2	22	22	1	11	
90	CA-70	2.7 mi N Pulga Rd	0.35 mi N of the "overlook pullout"	5.59	2	0	2	25	25	0	0	
91	CA-70	0.35 mi N of the "overlook pullout"	Concow Rd	5.01	2	0	2	25	30	0	0	
92	CA-70	Concow Rd	Lake Oroville Bridge	4.97	4	0	4	52	60	2	26	
93	CA-70	Lake Oroville Bridge	Clark Rd	6.05	2	0	2	24	34			
94	CA-70	Clark Rd	"lane divide"	0.70	4	0	4	47	66			

ID	Roadway	Segment N/E	Segment S/W	Segment Length (mi)	Number of Lanes			Marked Width (ft)	Pavement Width (ft)	Evac. Lanes	Total Evac. Width (ft)	Notes
					Travel	Special	Total					
95	CA-70 SB	"lane divide"	CA-149 ramp	0.29	3	0	3	35	50			
96	CA-70 SB	CA-149 ramp	CA-70 SB ramp	0.82	2	0	2	23	37			
97	CA-70 SB	CA-70 SB merge ramp	CA-70 SB	0.22	1	0	1	12	26			
98	CA-70 SB	CA-149	Garden Dr	3.54	2	0	2	24	40			
99	CA-70 SB ramp to CA-149 NB	CA-70 SB	CA-149 NB	0.66	2	0	2	24	36	0	0	
100	CA-70 NB	CA-149	Garden Dr (Oroville)	4.43	2	0	2	24	40	0	0	
101	CA-70 NB ramp at CA-149 NB	CA-70 NB	CA-70 NB	1.06	2	0	2	24	34	0	0	
102	CA-99	Garner Ln	0.25 mi S of Garner Ln	0.28	2	1	3	35	54	2	23	NB left turn lane.
103	CA-99 SB	0.25 mi S of Garner Ln	Palmetto Ave	4.44	2	0	2	24	38	0	0	
104	CA-99 SB	Palmetto Ave	Vallombrosa Ave	0.33	3	0	3	36	47	0	0	
105	CA-99 SB	Vallombrosa Ave	Skyway	2.09	2	0	2	24	38	0	0	
106	CA-99 SB	Skyway	Neal Rd	4.58	2	0	2	24	38			
107	CA-99 SB	Neal Rd	CA-149 SB	3.25	2	0	2	24	38			
108	CA-99 SB	0.5 mi N of CA-149 SB	CA-149 SB	0.54	2	1	3	36	50	3	36	CA-99 SB right exit lane.
109	CA-99 SB	CA-149 SB	CA-99 SB, N of Schlaf Dr	1.12	2	0	2	24	38			
110	CA-99 NB	0.25 mi S of Garner Ln	0.5 mi S of Garner Ln	0.18	1	0	1	20	35			
111	CA-99 NB	0.5 mi S of Garner Ln	Palmetto Ave	4.23	2	0	2	24	36			
112	CA-99 NB	Palmetto Ave	Vallombrosa Ave	0.44	3	0	3	36	47			
113	CA-99 NB	Vallombrosa Ave	Skyway	1.83	2	0	2	24	36			
114	CA-99 NB	Skyway	Neal Rd	4.77	2	0	2	24	36	0	0	
115	CA-99 NB	Neal Rd	CA-149 NB	3.52	2	0	2	24	36	0	0	
116	CA-99 NB	to CA-99 NB at CA-149	—	1.46	2	0	2	24	36	0	0	
117	CA-99	CA-99, N of Schlaf Dr	CA-99, S of Schlaf Dr	0.24	4	0	4	48	66	2	23	
118	CA-99	CA-99, S of Schlaf Dr	—	4.71	2	0	2	24	40	1	12	
119	CA-99 SB ramp to CA-32	CA-99 SB	CA-32	0.21	2	0	2	25	30	0	0	
120	CA-99 SB ramp to Skyway	CA-99 SB	Skyway	0.25	1	0	1	12	24	0	0	

ID	Roadway	Segment N/E	Segment S/W	Segment Length (mi)	Number of Lanes			Marked Width (ft)	Pavement Width (ft)	Evac. Lanes	Total Evac. Width (ft)	Notes
					Travel	Special	Total					
121	CA-99 SB ramp to Durham-Pentz Rd	CA-99 SB	Durham-Pentz Rd	0.26	1	0	1	14	22			
122	CA-99 NB ramp to CA-32	CA-99 NB	CA-32	0.15	1	0	1	12	17	0	0	
123	CA-99 NB ramp to Skyway	CA-99 NB	Skyway	0.26	1	0	1	12	24	0	0	
124	CA-99 NB ramp to Durham-Pentz Rd	CA-99 NB	Durham-Pentz Rd	0.27	1	0	1	14	22	0	0	
125	CA-99 NB ramp to CA-149 SB	CA-99 NB	—	0.28	2	0	2	24	36	0	0	
126	CA-99 NB ramp to CA-149 SB	—	CA-149 SB	0.18	1	0	1	12	26	0	0	
127	CA-149 SB	CA-99 SB	CA-70 SB	5.31	2	0	2	24	38			
128	CA-149 SB ramp to CA-70 NB	CA-149 SB	CA-70 NB	1.13	1	0	1	12	24	0	0	
129	CA-149 NB	CA-99 NB	CA-70 NB	4.71	2	0	2	24	38	0	0	
130	CA-149 NB ramp to CA-99 SB	CA-149 NB	CA-99 SB	1.23	1	0	1	12	25	0	0	
131	CA-32	Stage Rd (Forest Ranch)	el Monte Ave (Chico)	16.50	2	0	2	25	35	1	12	
132	CA-32 WB	el Monte Ave	CA-99	1.13	2	0	2	24	32			
133	CA-32 WB	CA-99	Cypress Ave	0.71	2	0	2	22	40			
134	CA-32 EB	el Monte Ave	CA-99	1.06	2	0	2	24	32	0	0	
135	CA-32 EB	CA-99	Cypress Ave	0.71	2	0	2	22	40	0	0	
136	CA-32 ramp to CA-99 NB	CA-32	—	0.08	1	0	1	12	20			
137	CA-32 ramp to CA-99 NB	—	—	0.09	2	0	2	24	30			
138	CA-32 ramp to CA-99 NB	—	CA-99 NB	0.07	1	0	1	12	20			
139	CA-32 ramp to CA-99 SB	CA-32	CA-99 SB	0.17	1	0	1	12	17	0	0	

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Appendix C. Butte County Evacuation Plan Maps and Informational Brochures

The following pages are copies of the evacuation maps and informational brochures for Paradise and the Concow/Yankee Hill areas. These brochures were distributed and available to residents to facilitate emergency preparedness by informing them about evacuation planning, procedures, and to identify evacuation zones and routes. The brochures also list a number of pre-planned public assembly points, further discussed in Sec. 5.2 of the main report.

Town of Paradise & Upper Ridge

Wildfire “Ready, Set, Go” Evacuation Plan

2017

Are you prepared?



Prepare your family...

Town of Paradise & Upper Ridge

Wildfire “Ready, Set, Go” Evacuation Plan

2017

Are you prepared?



Prepare your family...

Keep a copy of this plan in your car and home.



Town of Paradise & Upper Ridge

Wildfire “Ready, Set, Go” Evacuation Plan

www.buttrefiresafe.net 877-0984
www.paradisefiresafe.org
www.readyforwildfire.org

Need more evacuation plans? Go to:
www.buttcountynet.net/oem

One-Way Evacuation Operations

“One-Way Evacuation Operations” means that all the travel lanes on a designated section of road would proceed in one direction, heading away from an approaching wildland fire. It provides a way to handle the additional traffic anticipated as Paradise and Magalia residents and visitors leave the area in advance of a wildland fire.

Key Points

- ▲ Primary Evacuation Plans for Paradise and the Upper Ridge will be implemented first, if these plans are proving effective in handling the evacuating traffic, then a One-Way Evacuation Operation is not likely to be implemented.
- ▲ Emergency managers will decide if One-Way Evacuation must be implemented (Paradise PD, CHP Public Works) based on the specific needs of the incident. Entry and termination points will be determined based on the location, direction and rate of the fire spread.
- ▲ Be sure to obey the officers’ directions and follow the traffic cones and other route markers. All state highway safety regulations and traffic laws apply for the reversed lanes, including speed limits.

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Message boards may be used to provide key information at the beginning of the reversed lane to assist you with your choices.

Law enforcement officers or other personnel will be at the entrance and termination of the route directing traffic. Do not stop to ask questions because officials will not answer questions and this will slow the evacuation process.

- ▲ Tune into Community Radio Stations AM 1500 in Paradise and 1460 on the Upper Ridge for emergency information about the One-Way Evacuation route.
- ▲ Vehicles entering the One-Way Evacuation route are expected to travel to the end of the route.
- ▲ Commercial vehicles, recreational vehicles and those towing boats or other trailers should remain in the right hand travel lanes.
- ▲ Stay with your vehicle at all times.

What Routes will be used for One-Way Evacuation?

- ▲ Routes will be selected based on the specific needs of the incident. Entry and termination points will be determined based on the location, direction and rate of the fire spread.

Create an evacuation plan that includes:

- ▲ A designated emergency meeting location outside the fire or hazard area. This is critical to determine who has safely evacuated from the affected area.
- ▲ Several different escape routes from your home and community. Drive these often so everyone in your family is familiar in case of emergency.
- ▲ An evacuation plan for pets and large animals such as horses and other livestock. Go to NWADG.org
- ▲ A Family Communication Plan that designates an out-of-area friend or relative as a point of contact to act as a single source of communication among family members in case of separation. (It is easier to call or message one person and let them contact others than to try and call everyone when phone, cell, and internet systems can be overloaded or limited during a disaster.)
- ▲ Sign up for Emergency Notifications at www.buttcountynet.net/massnotification

Be Prepared:

- ▲ Have fire extinguishers on hand and train your family how to use them (check expiration dates regularly).
- ▲ Keep your gas tank at least half full.
- ▲ Assemble a Go Bag (emergency supply kit) for people and pets, as recommended by the American Red Cross.
- ▲ Keep a list of emergency contact numbers available.
- ▲ Post your address by your driveway so it's clearly visible.
- ▲ Obtain street maps for the city and county; keep them in your car. Or, download to your smart device.
- ▲ Keep a Go Bag in your car in case you cannot get to your home because of fire or other emergency.
- ▲ Ensure that your family knows where your gas, electric, and water main shut-off controls are located and how to safely shut them down in an emergency.
- ▲ Make your home/property more fire safe; find resources at www.buttrefiresafe.net and www.readyforwildfire.org

Our household safety plan (complete before an emergency)

MY ZONE IS:

Our address: _____ Phone _____

In the event of a wildfire evacuation, we will meet at _____

Animals: North Valley Animal Disaster Group (NWADG) Hotline: 530-895-0000; NWADG.org

During a wildfire, we'll take our animals to _____

Local contact (neighbor/relative): In the event that roads are closed, our local contact to care for children and pets is _____

Name _____ Phone _____

Out of area contact/phone _____ School phone _____

We have neighbors who may need help (persons with disabilities or persons with access and functional needs) _____

Get ready!

Get set!

Home Evacuation Checklist – How to Prepare for Evacuation

- Prepare for Evacuation**
- ▲ Alert family and neighbors
 - ▲ Dress in appropriate clothing (i.e. clothing made of cotton or wool and work boots). Have gloves, goggles, a dry bandana and dust mask handy.
 - ▲ Grab your Go-bag and add last minute items.
 - ▲ Tune into AM 1500 (Paradise), AM 1460 (Upper Ridge), or local radio and TV stations.
 - ▲ Drink plenty of water and prepare your family and pets.

- Inside the house**
- ▲ Shut all windows and doors, leaving them unlocked.
 - ▲ Remove flammable window shades and lightweight curtains. Close metal shutters.
 - ▲ Move flammable furniture to the center of the room, away from windows and doors.
 - ▲ Shut off gas at the source (meter or tank). Turn off pilot lights.
 - ▲ Leave your lights on so firefighters can see your house under smoky conditions.
 - ▲ Shut off the air conditioning.

- Outside the house**
- ▲ Gather up flammable items from the exterior of the house and bring them inside (patio furniture, toys, door mats, trash cans, etc.) or place them in your pool.
 - ▲ Turn off propane tanks.
 - ▲ Move propane BBQs and appliances away from structures.
 - ▲ Connect garden hoses to outside water valves or spigots for use by firefighters. Fill water buckets and place them around the house.
 - ▲ Don't leave sprinklers on or water running. They can affect critical water pressure.
 - ▲ Leave exterior lights on so your home is visible to firefighters in the smoke or darkness of night.
 - ▲ Put your Go Bag in your vehicle.
 - ▲ Back your car into the driveway with vehicle loaded and all doors and windows closed. Carry car keys with you and have a spare. Leave gates open for access.
 - ▲ Have a ladder available and place it at the corner of the house so firefighters can quickly access roof.
 - ▲ Seal attic and ground vents with pre-cut plywood or commercial seals.
 - ▲ Patrol your property and monitor the fire situation. Don't wait for an evacuation order if you feel threatened.
 - ▲ Check on neighbors and make sure they are preparing to leave.

- Animals: Go to NVADG.org**
- ▲ Locate your pets; transport them with you. Need help? Call NVADG: 530-895-0000
 - ▲ Prepare and transport large animals early to a safe location.

As the fire approaches...

Go!

Evacuation Zones & Routes

KNOW YOUR ZONE: The included map shows your community's zones. These zones allow officials to designate specific areas for evacuation advisories based on the emergency. Listen for news about your zone during an emergency.

EVACUATION ROUTES: The specific evacuation route for you will depend upon the location of the wildfire or other emergency. It's important that you are familiar with several routes out of your neighborhood and community. The included map shows the primary evacuation route(s) for the Ridge. The designated route(s) in each emergency will be based upon conditions. Officials will determine which route(s) must be closed. Based on this information, you may choose an alternative evacuation route based on your location.

Find your zone: Paradise: www.townofparadise.com/findmyzone
Butte County: www.buttecounty.net/OEM_click "Find My Zone"

When an evacuation order is issued by public safety officials, leave immediately to avoid being caught in fire, smoke or road congestion. In an intense wildfire, officials will not have time to knock on every door. If you are advised to leave, don't hesitate! In an emergency, you must take initiative to stay informed and aware when an evacuation is ordered or a warning has been issued for your zone. For announcements, listen to your radio (AM 1500 in Paradise and 1460 on the Upper Ridge), TV and monitor official social media sites from public safety and governmental agencies.

- ▲ Know your zone and evacuation routes and follow the directions of public safety officials promptly.
- ▲ Officials will determine the areas to be evacuated and escape routes to use depending upon the fire's location, direction of travel and fire behavior (winds, terrain, etc.). Public safety officials may ask you to shelter in place if you are not in an area with an evacuation advisory.
- ▲ You may be directed to a designated Public Assembly Point for your immediate safety—and later to an evacuation shelter.

While in your vehicle:

- ▲ Stay calm.
- ▲ Park your vehicle in an open area clear of vegetation.
- ▲ Close all vehicle windows and vents.
- ▲ Cover yourself with wool blanket or jacket.
- ▲ Lie on vehicle floor board.
- ▲ Use your cell phone to advise officials—Call 911.

While on foot:

- ▲ Stay calm.
- ▲ Go to an open area clear of vegetation, a ditch or depression on level ground if possible.
- ▲ Lie face down, cover up your body.
- ▲ Use your cell phone to advise officials—Call 911.

While in your home:

- ▲ Stay calm. Keep your family and pets together.
- ▲ Stay inside your house.
- ▲ Call 911 and inform authorities of your location.
- ▲ Keep doors and windows closed, but unlocked.
- ▲ Stay away from outside walls and windows.
- ▲ Fill sinks and tubs with cold water.

Remember the Six "P's"

People and pets
Papers, phone numbers, important documents
Prescriptions, vitamins, eyeglasses
Pictures and irreplaceable memorabilia
Personal computer, hard drive, discs
Plastic (credit & ATM cards), cash

Keep these six "P's" ready in case immediate evacuation is required.

Evacuation advisories to be prepared for:

Lifting of Evacuation Advisories
Evacuation advisories may stay in effect for several days. After the threat is mitigated, access will be limited to residents with identification. You must pick up your pets from shelters.

Traffic Closures

- Level 1:** Open to emergency responders, critical responders (e.g. public works, PG&E, animal rescue) and residents only.
- Level 2:** Closed to all traffic except emergency responders and critical resources, i.e. public works, utilities and animal rescue.
- Level 3:** Closed to all traffic except emergency responders.
- Level 4:** Closed to all traffic due to potential hazard to life.

Public Assembly Point
A temporary assembly area that provides a safe haven for evacuees to assemble until conditions subside and evacuation routes are accessible, or for evacuees who otherwise cannot evacuate the community on their own and need assistance to be moved to a shelter. Note: Evacuees who are capable of evacuating on their own to designated shelters or other areas outside of their community do not need to go to Public Assembly Points unless directed by public safety officials.

Immediate Evacuation Order: Requires the immediate movement of people out of an affected area due to an imminent threat to life. Choosing to stay could result in loss of life. Staying may also impede the work of emergency personnel. Due to the changing nature of the emergency, this immediate Evacuation Order may be the only warning that people in the affected area(s) receive.

Evacuation Warning: Alerts people in an affected area(s) of potential threat to life and property. People who need additional time should consider evacuating at this time. An Evacuation Warning considers the probability that an area will be affected and prepares people for a potential immediate Evacuation Order.

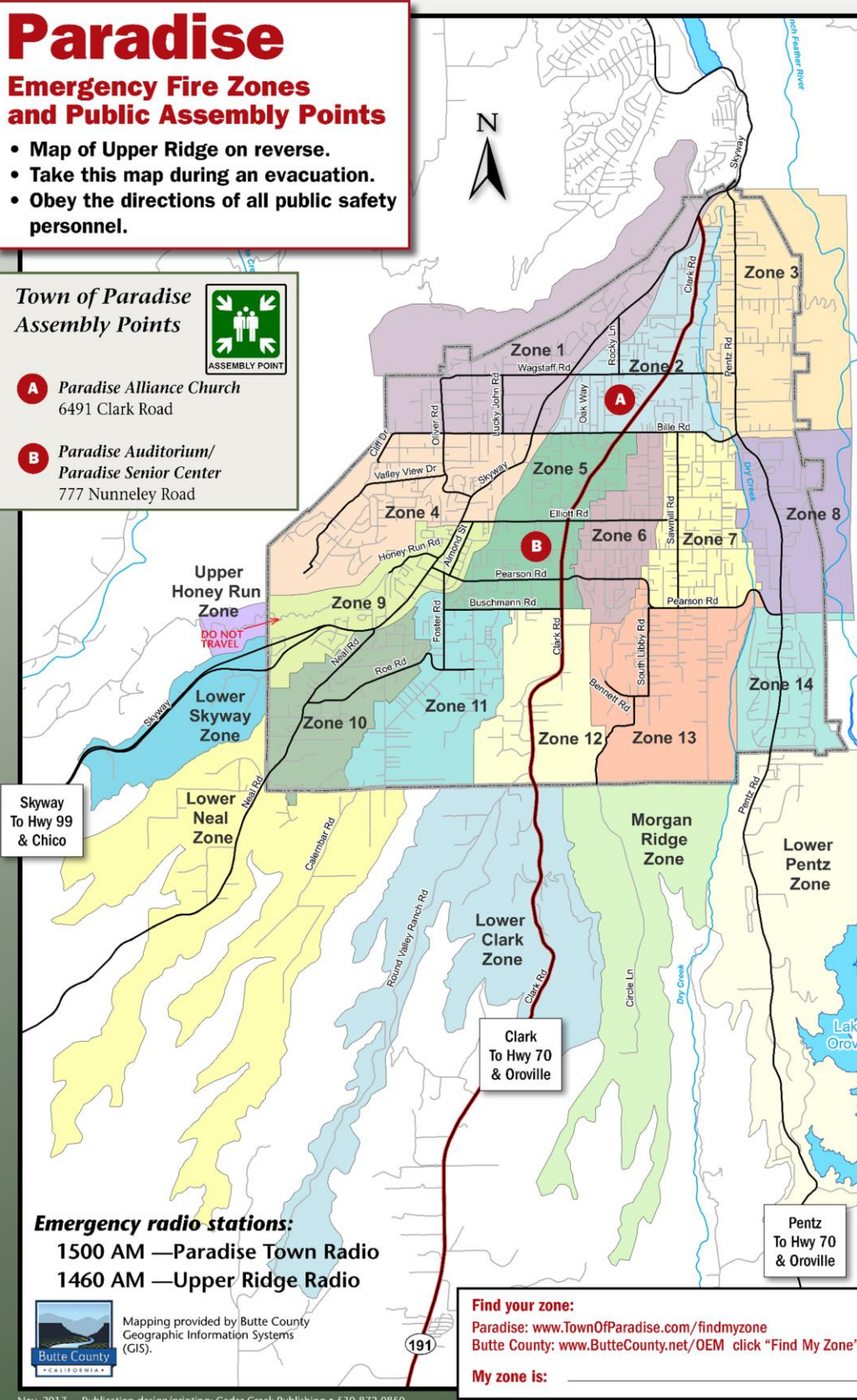
Shelter in Place: Advises people to stay secure at their current location by remaining in place as evacuation will cause a higher potential for loss of life.

Rescue: Emergency actions taken within the affected area to recover and help injured or trapped citizens leave the area. Entry into this area is restricted to rescue workers only.

It's time to leave...

When an evacuation order is issued by public safety officials, leave immediately to avoid being caught in fire, smoke or road congestion. In an intense wildfire, officials will not have time to knock on every door. If you are advised to leave, don't hesitate! In an emergency, you must take initiative to stay informed and aware when an evacuation is ordered or a warning has been issued for your zone. For announcements, listen to your radio (AM 1500 in Paradise and 1460 on the Upper Ridge), TV and monitor official social media sites from public safety and governmental agencies.

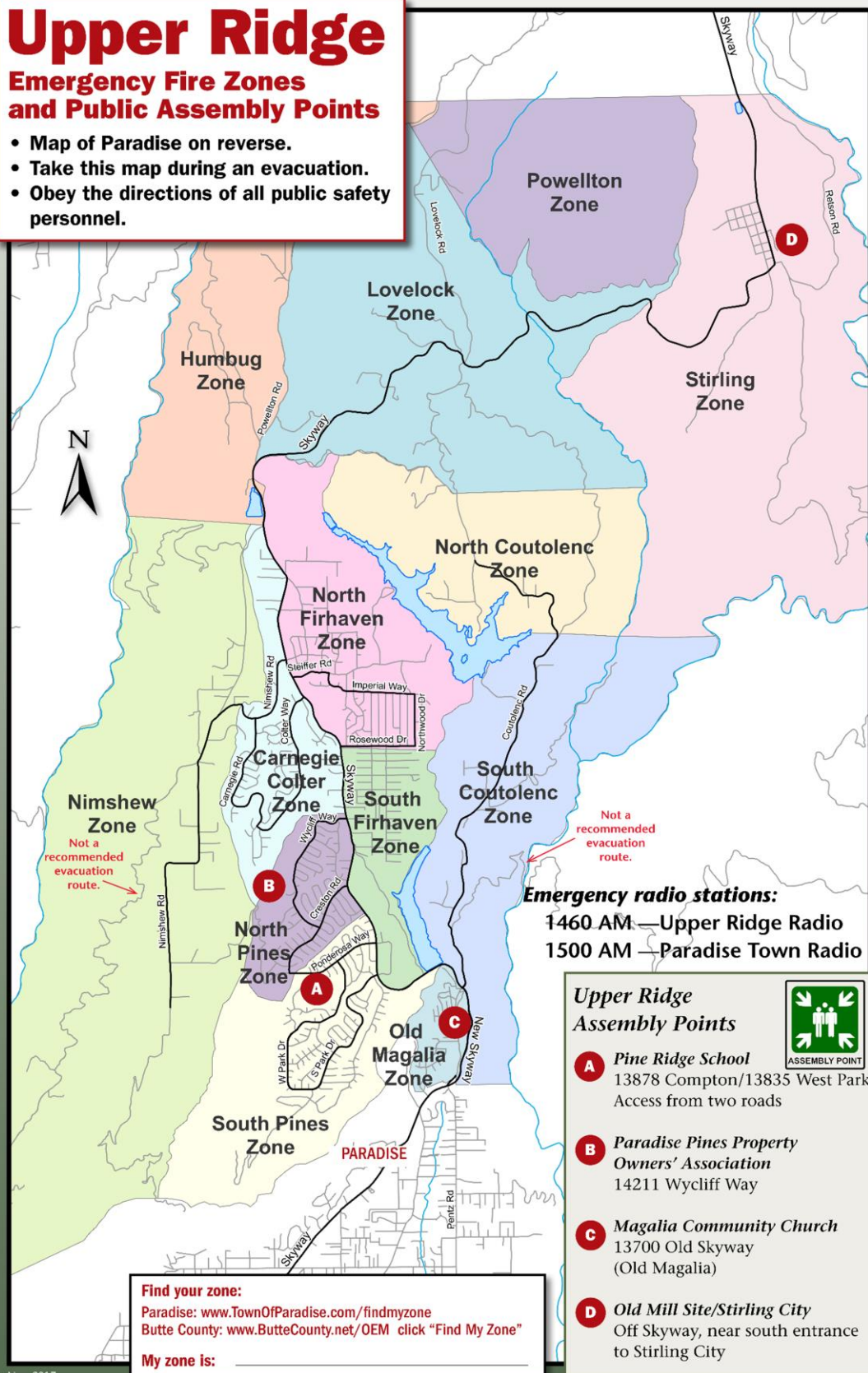
- ▲ Know your zone and evacuation routes and follow the directions of public safety officials promptly.
- ▲ Officials will determine the areas to be evacuated and escape routes to use depending upon the fire's location, direction of travel and fire behavior (winds, terrain, etc.). Public safety officials may ask you to shelter in place if you are not in an area with an evacuation advisory.
- ▲ You may be directed to a designated Public Assembly Point for your immediate safety—and later to an evacuation shelter.



Upper Ridge

Emergency Fire Zones and Public Assembly Points

- Map of Paradise on reverse.
- Take this map during an evacuation.
- Obey the directions of all public safety personnel.



Emergency radio stations:
1460 AM — Upper Ridge Radio
1500 AM — Paradise Town Radio

Upper Ridge Assembly Points




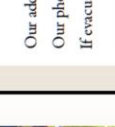



- A** *Pine Ridge School*
13878 Compton/13835 West Park
Access from two roads
- B** *Paradise Pines Property Owners' Association*
14211 Wycliff Way
- C** *Magalia Community Church*
13700 Old Skyway
(Old Magalia)
- D** *Old Mill Site/Stirling City*
Off Skyway, near south entrance to Stirling City

Find your zone:
Paradise: www.TownOfParadise.com/findmyzone
Butte County: www.ButteCounty.net/OEM click "Find My Zone"
My zone is: _____

Evacuation Plan

Yankee Hill Concow Cherokee Pulga Jarboe Gap



Wildland Fire—Are you prepared?

Here's what to do:

- Create a household safety plan
- Assemble an emergency "go bag"
- Develop and maintain 100' defensible space
- Learn about the new evacuation notices
- Understand what to do when a wildfire approaches
- Discover what to do if you become trapped and how to "shelter in place"

INSIDE: What you need to know and can do before, during and after a wildfire

Prepare Your Household Safety Plan

1. Meet with your entire family and discuss what each member needs to do to remain safe.
2. Determine how and where you would transport family pets and animals. Make sure your animals are easily identified and plan for food and water. Remember the Red Cross shelters do not accept pets. Contact the North Valley Animal Disaster Group for assistance. 530/895-0000
3. Determine an out-of-area central point of contact; this can be a physical location and/or a phone number.
4. Designate a local contact for care of children and pets.
5. Review the Emergency Travel Routes and Public Assembly Points. Make sure everyone becomes familiar with each location and would be able to find them if need be.
6. Complete your personalized Household Safety Plan (below).
7. Set up practice drills with your family before fire season starts.
8. Update your Household Safety Plan annually or as needed.

Our Household Safety Plan

Our address _____

Our phone(s) _____

If evacuated, we will meet at _____

Our local contact to care for our children and pets in the event roads are closed is _____



Relationship _____

Our children's school and phone(s) _____

Other important contacts _____

Neighbors who may need assistance to evacuate _____

Emergency: 911 | Red Cross: 530/891-0811
North Valley Animals Disaster Group Hotline: 530/895-0000

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Assemble a "Go Bag"

Notice of an evacuation doesn't always allow you time to gather needed essentials. Plan ahead and place them in one or more easy-to-carry containers; keep your "Go Bag" items in a location where you can quickly grab them. Update your "Go Bag" every six months—or as your needs change. Replace food, water, batteries and other perishable items with "first in, first out" practices.

Contents: Include a three-day supply for each family member

- Cash. In small denominations.
- Clothing. Change of clothes including undergarments (consider warm and cold weather).
- Deck of cards/small game (entertainment for children or adults).
- Duct tape, cord and zip ties.
- Dust mask and gloves. N95 Respirator face mask.
- Emergency blanket.
- Emergency lighting: Glow Sticks, flashlight, headlamp and extra batteries.
- Evacuation plan and maps. Includes completed "Household Safety Plan" and "Evacuation Route Map."
- First aid kit (with first aid manual).
- Food. Dried or canned that doesn't require cooking.
- Identification. Copy of driver's license/ID card, health insurance card. Contact information/contacts. Include family and friends.
- Keys. Extra set.
- Medications. Non-prescription medications, list of prescription numbers and allergies.
- Multi-purpose tool. Several tools that fold up into a pocket-sized unit (includes a can opener).
- Pen and paper.
- Personal documents. Copies of insurance policies, birth certificates, deed/lease to home.
- Personal hygiene. Toothbrush/paste, hair brush.
- Pet "Go Bag" – Food, water, bowl, plastic bags, litter, leash, medical and immunization records, medicine, current photo, transport carrier and names and phone numbers of your veterinary hospitals and animal shelters.
- Radio. Hand-crank style or include extra batteries.
- Sanitation. Include Wet Wipes, toilet paper, garbage bags and twist ties.
- Sturdy shoes.
- Utensils and cups. As needed for food and water.
- Visual aids. Spare eyeglasses or contacts/solution.
- Water. One gallon per person, per day.
- Whistle. To signal for help.

These last-minute items should be added to the bag as time allows:

- Medications/prescriptions.
- Cell phone/charger.
- Family photos.
- Emergency scanner/radio.
- Computer hard drives/laptop.

Want more ideas? Go to RedCross.org and 72Hours.org

Take Responsibility...

Protect your home. Create 100 feet of defensible space!

Why 100 feet? It's the law!

California Public Resource Code, section 4291 | California Government Code, section 51182



Contact the Yankee Hill Fire Safe Council for a free Dooryard Education Visit and Home Evaluation. Consider developing a water source for your property. Approved sites will receive a "water source" identification sign from the Yankee Hill Fire Safe Council.

Resources:

Fire Safe Councils
Yankee Hill Fire Safe Council
YankeeHillFireSafe.org
Butte County Fire Safe Council
TheNet411.net
California Fire Safe Council
FireSafeCouncil.org

Additional Information
California Fire Alliance
CaFireAlliance.org
FIREWISE
FireWise.org
Center for Fire Research and Outreach
FireCenter.berkeley.edu
CALFIRE
Fire.ca.gov

Burn Permits/ Burn Day Status
CALFIRE
Fire.ca.gov
Butte Unit: 530/538-7111
Jardoe Gap: 530/538-7199
Butte County Air Quality Management District
bcquad.org
530/896-2537 | 866/240-0859

Red Flag Warning
California Fire Weather
www.rfw.net.ca.gov/sto/cafw

Fire News
YubaNet.com

Online Scanner
Butte County Fire Safe Council
TheNet411.net

How to program your personal scanner
Go to this site and click on "Resources" then "Freqs"
TheNet411.net

Ember Awareness Checklist

Wood Roof

Replace wood shake and shingle roofs with fire-resistant types such as composition, metal and tile.

Roof Openings

Plug gaps in roof coverings, such as pine needles, leaves, branches and bark, from the roof.

Skylights

Replace plastic skylights with types constructed of double-pane glass. One of the panes should be tempered glass. Close skylights if wildfire threatens.

Spark Arrestor

Install an approved spark arrester on chimneys.

Windows

Replace single-pane, non-tempered glass windows with multiple-pane, tempered-glass types. Close all windows if wildfire is threatening.

Vents

Cover attic, eave and foundation vents with 1/8-inch wire mesh or install new vent types designed to prevent ember entry. If wildfire is threatening, consider covering vent openings with pre-cut plywood or aluminum foil folded several layers thick and stapled.

Rain Gutters

Keep rain gutters free of plant debris during fire season. Consider using rain gutter covers to reduce maintenance.

Siding

Fill gaps in siding and trim materials with a good quality caulk and replace poor condition building materials.

Woodpiles

Move firewood stacks and scrap lumber piles at least 30 feet from the house or other buildings.

Patio Furniture

Place combustible patio furniture, such as lounges, tables and hammocks, inside the house or garage if wildfire is threatening.

Deck Boards

Replace deck boards that are less than one inch thick or that are in poor condition with thicker, good condition-boards. Use metal flashing between the deck and the house.

Deck Debris

Remove plant debris from the gaps between deck boards, the gap between the deck and house, and lying on top of the deck.

Porch and Deck Accessories

If wildfire is threatening, remove combustible materials from the porch and deck including newspapers, wicker baskets, door mats, pine cones and dried flower arrangements, and place BBQ propane tanks indoors.

Under the Deck

Remove plant debris, wood piles and other easily ignited materials from under decks. Consider enclosing the open sides of the deck with siding materials that are properly vented or 1/8-inch wire mesh to reduce maintenance and deter em-



This house was ignited by burning embers landing on vulnerable spots. Notice the adjacent forest is not burning.

ber entry. Do not use wooden lattice to enclose decks.

Flowerboxes

Remove wooden flowerboxes from beneath windows if wildfire is threatening.

Eaves

Cover open eaves with sheathing, such as plywood or fiber-cement board. Use tongue and groove joints or other intricate joint types and don't use butt joints.

Flowerbeds

Replace wood mulches with non-combustible types and remove plant debris, including dried grass and flowers, dead leaves and dead branches from flowerbeds next to the house, other buildings and next to wooden fences. Replace ornamental junipers with low-growing deciduous shrubs or flowers under irrigation.

Vehicles

Close vehicle windows. Back into the garage and close the garage door or park away from the house.

Garage Door

Adjust garage doors to achieve as tight a fit as possible with the door frame. Consider using trim around the garage door opening to reduce the size of gap openings. Close the garage door if wildfire is threatening.

Garbage Cans and Recycling Bins

Use garbage cans covered with tight fitting lids near the house or other buildings. Move newspaper recycling bins indoors.

Wooden Fences

Maintain wooden fences in good condition and create a noncombustible fence section or gate next to the house for at least five feet.

Evacuation advisories to be prepared for:

Evacuation advisories may stay in effect for several days. After the threat is mitigated, access will be limited to residents with identification.

Evacuation Warning: Residents in our community will be advised of a potential threat to life and property. There is probability that an area will be affected and prepares residents for a potential Evacuation Order.

Evacuation Order: This requires residents to immediately move out of an affected area due to an imminent threat.

Shelter in Place: Advises residents to stay secure at their current location. This is used only if evacuation will cause a higher potential for loss of life than remaining in place.

Rescue: Emergency actions taken within the affected area to recover and help injured or trapped citizens leave the area. Entry into this area is restricted to rescue workers only.

Traffic Closures

Level 1: Closed to all traffic except emergency responders, critical responders (e.g. public works, PG&E, animal rescue) and residents.

Level 3: Closed to all traffic except emergency responders.

Level 4: Closed to all traffic due to potential hazard to life.

Wildfire approaching? If you have time, do this:

Locate your "Go Bag" and put the items in your vehicle.

Park your vehicle facing outward; carry your vehicle keys with you.

Locate your pets and secure them nearby. Prepare large animals for transport.

Cover up. Wear long pants, long sleeve shirt, heavy shoes/boots and a cap. Have a dry bandanna for a face cover—or use goggles or glasses. Clothing which is 100% cotton is best.

Close drapes, blinds or shutters across your home's windows.

Place connected garden hoses and buckets full of water around the house.

Place ladder outside for roof access.

Clean out gutters, plug up downspouts and fill gutters with water.

If you become trapped by a quickly-approaching fire:

While on foot: Stay calm and keep your family together.

Go to an area clear of vegetation—if possible, a ditch or depression.

Lie face down; cover up.

Alert officials by calling 911 from your cell phone.

Lie on the vehicle's floor.

Alert officials by calling 911 from your cell phone.

While in your home: Stay calm and keep your family together.

Call 911 and alert authorities of your location.

Fill sinks and tubs with cold water.

Keep doors and windows closed, but not locked.

Stay inside your home.

Stay away from outside walls and windows.

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PERMIT #6

Yankee Hill Fire Safe Council
P.O. Box 4242
Yankee Hill, CA 95965

***** ECRWSS*****
Residential Customer



www.YankeeHillFireSafe.org



Evacuation Plan

Yankee Hill Pulga Jarboe Gap
Concow Cherokee



**Yankee Hill
information station
AM 1630**

How you'll be notified:

- Fire personnel.
- Door-to-door contact by Sheriff's Department or their volunteers.
- Emergency Alert System on radio and television.
- Local radio stations:
KPAY—1290 AM
KNXI—95.1 FM
KHSL—103.5 FM
KCEZ—100.7 FM
KFMF—93.9 FM

When can people go back to their homes?

The Fire Department will determine when it's safe for citizens to move back into their homes. Be assured this will be done as soon as possible. Passes may be issued for local residents.

Return notices will be announced through the media, as well as at road blocks, safety zones and relocation centers.

Sheltering options:

Shelter in Place

Your home is an option during a low intensity fire when fire officials feel it is safe to stay. Structures must have good clearance, and building construction must be of fire-resistant materials.

Public Assembly Points

These are temporary holding areas providing a safe haven for a small group of people until shelter locations are established. Safety Zones are located throughout our community. Be aware that not all Safety Zones may be in place during an emergency due to the fire's location.

Shelter

Red Cross establishes shelters for the immediate and short-term housing and care of evacuated residents. The North Valley Animal Disaster Group establishes shelter care of evacuated large and small pets.

Alternative Location

If you choose not to go to a Red Cross Shelter, determine alternative housing possibilities in advance. Notify Red Cross personnel about your location, in case family members or friends are trying to locate you.

Yankee Hill Fire Safe Council

Mission

To educate the community and increase awareness to fire risks, reduce wildfire fuel loading, conserve natural resources and prepare for other disasters.

Vision

That all community members are knowledgeable, self-sufficient and responsible for their own personal fire safety and, after a wildfire occurs, the impact is visibly lessened where homes and natural resources survive and no loss of life is experienced.

Values

Together we will seek to do the right thing even when it is difficult, hold ourselves accountable, do business above reproach, encourage creative problem solving and achieve our mission with integrity, enthusiasm and good ethical practices while maintaining respect for our neighbors as we help effectively and passionately achieve fire safety for families, their animals and their property through education.

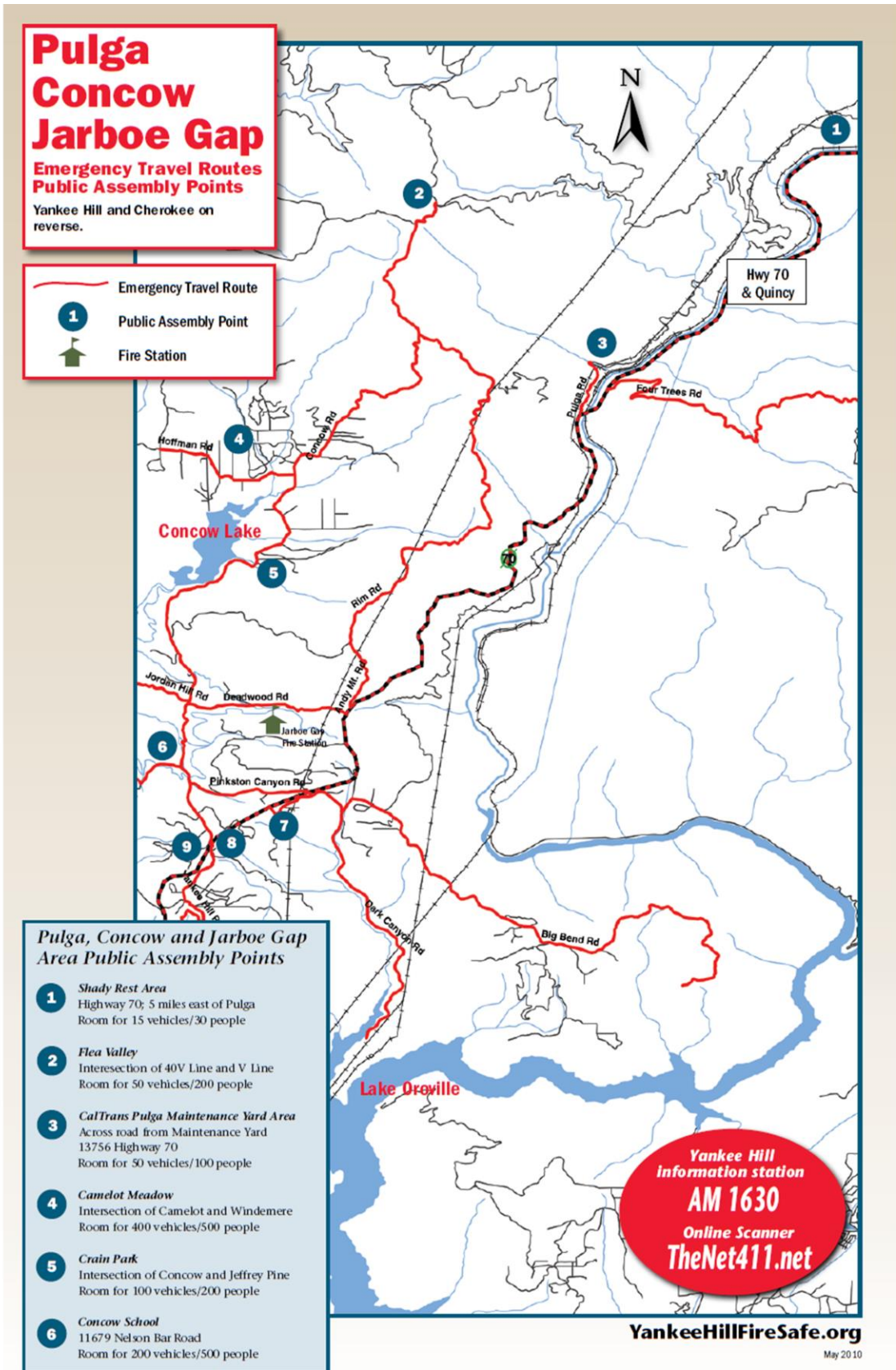


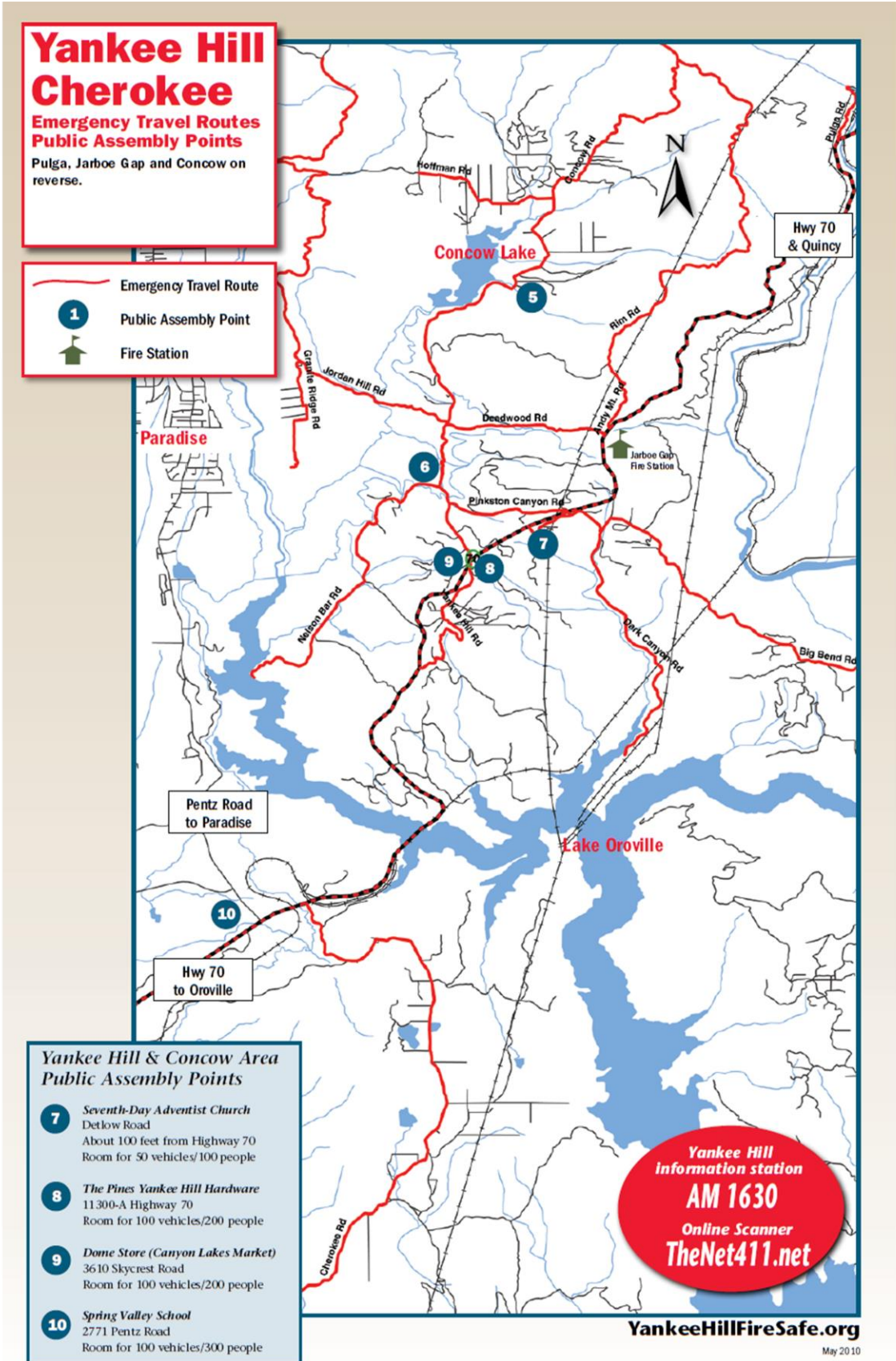
Contact us at:
YankeeHillFireSafe.org
info@YankeeHillFireSafe.org



Yankee Hill Concow recognized as a FIREWISE community since 2009.







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Appendix D. CodeRED Statistics

Documentation and statistics for 27 notifications sent via an opt-in reverse 911 messaging system (CodeRED) were obtained from the Butte County Sheriff's Office (BCSO). Information regarding two messages sent by the Town of Paradise was obtained from news reporting.² Both the county and town had access to an interconnected CodeRED system and contact database. Recipients signed up once with their chosen contact information including phone number(s) and address(es). Address information was used to determine the appropriate evacuation zone for notification purposes. Either jurisdiction could independently send alerts to impacted zones.

Data included the time each message was initiated and the message that was sent. Table D-1 lists the CodeRED notification times, messages, and included evacuation zones. The notification system also conducted a follow-up iteration in an attempt to connect to phone numbers that were not reached during the primary attempt. The time of the re-call is listed for applicable alerts. Times are listed with respect to 00:00 on November 8. For example, 25:00 corresponds to 01:00 on November 9.

Statistics provided by BCSO output from the CodeRED system for each notification include the number of contacts for each communication method (email, phone, text message, or TDD [Telecommunications Device for the Deaf]), the number of attempted phone calls, and the outcome of each phone call. The outcomes of emails, text messages, and TDD communications were not tracked. If a message was successfully sent, it does not necessarily mean that it was received or viewed by the recipient.

Possible phone call outcomes (with abbreviations used in this appendix) were reported as:

- Delivered (Deliv.)
- Machine (Msg.)
- Intercept³ (Int.)
- Busy
- Timed Out (TO.)

The *Phone Calls* value indicates the total number of phone contacts. The number of phone contacts reached and not reached are defined as:

$$\text{Reached} = \text{Delivered} + \text{Machine} \quad (\text{D-1})$$

$$\text{Not Reached} = \text{Phone Calls} - \text{Reached} \quad (\text{D-2})$$

² Mackey M. (2019) New analytics show Camp Fire CodeRED alerts failed to reach more than half the residents. KRCR-TV News, May 6, 2019. Available at <https://krctv.com/news/deprecated-camp-fire/new-analytics-show-camp-fire-code-red-alerts-failed-to-reach-more-than-half-the-residents>. Accessed: September 2022.

³ Intercept refers to phone calls that could not be completed for various reasons including disconnected numbers, bad numbers, dropped calls, or service outages.

The total *Attempted* number of calls reported by the CodeRED summary output included more than the base quantity of *Phone Calls* (i.e., $Attempted \neq Reached + Not Reached$). Multiple attempts to numbers that were not reached were included, and the total number of phone call attempts is defined as:

$$Attempted = Delivered + Machine + Intercept + Busy + Timed Out \quad (D-3)$$

System output data provided by BCSO indicated the fraction of the total number of attempted calls corresponding to each outcome. To provide further context and analysis, the number of calls was calculated using the provided fraction and total number of attempted calls. Due to rounding of the percentage values, the sums of the calculated call values do not necessarily equal the number of attempted calls in each case but are within 1.5 % of the reported value. The calculated number of calls reached is within an average of 1.5 % of the reported value, with a maximum error of 7 % in cases with smaller numbers of calls.

The data for initial notification attempts are presented in Table D-2. Data of the outcomes of the re-call attempts to phone numbers that were not reached in the initial attempt are listed in Table D-3. Emails, text messages, and TDD communications were not sent during the re-calls.

Additional metrics were calculated in Tables D-2 and D-3 to indicate the number of total messages delivered (connections made) and the success rate of phone call connections.

$$Total\ Connections = Emails + Text\ Messages + TDD + Reached \quad (D-4)$$

$$Call\ Success = Reached / Phone\ Calls \quad (D-5)$$

While the average call success rate was 55 % during initial alerts, that rate dropped to an average of only 7 % from the re-calls. This might be expected since the reason that the contact could not be reached in the first attempt may have persisted during most re-calls.

The way the data were provided and are presented here cannot be used to determine the number of individual people that were contacted. Individuals had the option to provide multiple contact methods (e.g., both an email and phone number, or multiple phone numbers). These individuals may have been counted multiple times depending on each registered contact method. A more in-depth analysis of the raw CodeRED data, which was unavailable for this study, may provide additional insight to the number of civilians who received messages.

Table D-1. List of CodeRED reverse 911 messages sent via BCSO and the Town of Paradise, sorted by time of primary call.

Initial Time	Evacuation Type	Zones	Message	Re-call Time
07:13	Order	Pulga	Due to a fire in the area, an evacuation order has been issued for the town of Pulga. If assistance is needed in evacuating, call 9 1 1.	
07:57	Order	Pentz in Paradise	Due to a fire in the area, an evacuation order has been issued for all of Pentz Road in Paradise East to Highway 70.	
08:32	Order	2, 6, 7, 13	Due to the fire in the area, an evacuation order has been issued for zones 2, 6, 7 and 13. If assistance is needed in evacuating, please call 9 1 1.	08:40
08:43	Warning	1, 5	Due to the fire in the area, an evacuation warning has been issued for zones 1 and 5. If you need assistance in evacuating, please call 9 1 1.	
08:44	Order	2, 3, 7, 8, 13, 14	There is an immediate evacuation order for zones 2, 3, 7, 8, 13 and 14 due to a fire. You should evacuate immediately. You are receiving this message because you are in the affected area.	
08:46	Warning	11, 12	Due to the fire in the area, an evacuation warning has been issued for zones 11 and 12. If you need assistance in evacuating, please call 9 1 1.	08:52
09:09	Order	2, 3, 5, 6, 7, 8, 13, 14	This is an immediate evacuation order for zones 2, 3, 5, 6, 7, 8, 13 and 14 due to a fire. You should evacuate immediately. You are receiving this message because you are in the affected area.	
09:15	Order	S Pine, Old Magalia, S Coutolenc	Due to the fire, an evacuation order has been issued for the South Pine Zone, Old Magalia Zone and the South Coutolenc Zone. If assistance is needed to evacuate, please call 9 1 1.	
09:29	Order	Carnegie, N Pines, N Fir Haven, S Fir Haven	Due to the fire in the area, an evacuation order has been issued for the Carnegie Zone, North Pines Zone, North Fir Haven Zone, and South Fir Haven Zone. If assistance is needed to evacuate, please call 9 1 1.	
09:58	Warning	Nimshew	Due to the fire in the area, an evacuation warning has been issued for the Nimshew Zone. If assistance is needed to evacuate, please call 9 1 1.	
10:07	Warning	Lower Clark, Lower Skyway	Due to the fire in the area, an evacuation warning has been issued for the Lower Clark and Lower Skyway zones. If you need assistance in evacuating, please call 9 1 1.	
10:11	Warning	Lower Neal, Upper Honey Run	Due to the fire in the area, an evacuation warning has been issued for the Lower Neal and Upper Honey Run zones. If you need assistance in evacuating, please call 9 1 1.	
10:22	Order	Centerville, Butte Creek	Due to the fire in the area, Centerville and Butte Creek areas are under an evacuation order. If you need assistance evacuating, please call 9 1 1.	10:29
11:46	Order	Pentz And CA-70 south to CA-149	Due to the fire in the area, an evacuation order has been issued for the area of Pentz and 70 south to 149 including Butte College. If you need assistance in evacuating, please call 9 1 1.	11:52
11:52	Order	Yankee Hill	Due to the fire in the area, an evacuation order has been issued for the area of Highway 70 from Concow South including all of Yankee Hill on both sides of 70. If you need assistance in evacuating, please call 9 1 1.	11:58

Initial Time	Evacuation Type	Zones	Message	Re-call Time
13:34	Order	Lower Clark, Lower Skyway	Due to the fire in the area, an evacuation order has been issued for the Lower Clark and Lower Skyway Zones. If you need assistance in evacuating, please call 9 1 1.	13:41
13:46	Order	Nimshew	Due to the fire in the area, an evacuation order has been issued for the Nimshew Zone. If you need assistance in evacuating, please call 9 1 1.	13:52
16:12	Order	11, 12	The evacuation warnings for Zones 11 and 12 have been upgraded to evacuation orders. If you need assistance in evacuating, please call 9 1 1.	16:19
16:17	Order	1	The evacuation warnings for Zone 1 have been upgraded to evacuation order.	16:23
17:04	Warning	Humbug, Lovelock, N Coutilenc	Due to the fire in the area, an evacuation warning has been issued for the Humbug, Lovelock and North Coutilenc Zones. If you need assistance in evacuating, please call 9 1 1.	17:11
18:06	Warning	South Skyway to Chico limits	Due to the fire in the area, an evacuation warning has been issued for the area of Skyway from Lower Paradise down the Skyway to the Chico City Limits.	18:13
18:13	Warning	CA-32, Nopel Ave to Chico limits	Due to the fire in the area, an evacuation warning has been issued for the area of Highway 32 at Nopel Avenue down to the Chico City Limits.	
18:42	Order	CA-32, Nopel Ave to Chico limits	Due to the fire in the area the evacuation warning for Highway 32 from Nopel Avenue to the Chico City Limits has been upgraded to an evacuation order. If you need assistance in evacuating, please call 9 1 1.	18:49
18:48	Warning	CA-32, Nopel Ave to county line	Due to the fire in the area, an evacuation warning has been issued for Highway 32 from Nopal Avenue north to the County Line. If you need assistance in evacuating, please call 9 1 1.	18:54
19:30	Warning	West of CA-99 between CA-149 and Chico limits	Due to the fire in the area, an evacuation warning has been issued for the area west of 99 from 149 north to Chico City Limits west to the Midway. If you need assistance in evacuating, please call 9 1 1.	
19:43	Order	Cherokee	Due to the fire in the area, an evacuation order has been issued for the area of Cherokee from Highway 70 to the lake south to Table Mountain Boulevard. If you need assistance in evacuating, please call 9 1 1.	
19:50	Order	Oro-Chico Hwy	Due to the fire in the area, an evacuation order has been issued for the area of both sides of Oro Chico Highway from Durham Dayton north to Estates Drive. If you need assistance in evacuating, please call 9 1 1.	
25:18	Order	N Coutilenc, Sterling, Powelton, Humbug, Lovelock	Due to the fire in the area, an evacuation order has been issued for the North Coutilenc, Sterling, Powelton, Humbug and Lovelock Zones.	25:25
29:44	Order	Stirling City, Inskip	An evacuation order has been issued for Stirling City and Inskip. Exit is through Butte Meadows and down Highway 32.	29:49

Note: Messages were sent by the Butte County Sheriff's Office except for the 08:44 and 09:09 messages, which were sent by the Town of Paradise.

Table D-2. Statistics of CodeRED alert messages: attempted contacts and outcomes of initial message attempts.

Initial Time	Emails	Phone Calls	Text Msg	TDD	Attempted	Reached	Not Reached	Outcome (reported fraction of calls)					Outcome (estimated number of calls)					Call Success	Total Conn.
								Deliv.	Msg.	Int.	Busy	TO.	Deliv.	Msg.	Int.	Busy	TO.		
07:13	29	15	6	0	24	10	5	25%	17%	25%	8%	25%	6	4	6	2	6	67%	45
07:57	550	2664	513	1	4272	1699	965	21%	19%	46%	5%	10%	897	812	1965	214	427	64%	2763
08:32	740	4459	823	1	7170	2581	1878	19%	17%	55%	1%	8%	1362	1219	3944	72	574	58%	4145
08:43	312	1449	328	0	2240	908	541	21%	20%	50%	1%	8%	470	448	1120	22	179	63%	1548
08:44	—	6189	—	—	10359	3262	2927	16%	16%	58%	1%	9%	1657	1657	6008	104	932	53%	3262
08:46	176	1129	211	0	1837	644	485	18%	18%	55%	1%	9%	331	331	1010	18	165	57%	1031
09:09	—	—	—	—	—	—	—	15%	20%	53%	1%	11%	—	—	—	—	—	—	—
09:15	378	1668	391	0	2609	995	673	20%	18%	55%	2%	5%	522	470	1435	52	130	60%	1764
09:29	614	3368	622	1	5007	2165	1203	22%	22%	51%	1%	4%	1102	1102	2554	50	200	64%	3402
09:58	102	304	81	0	437	221	83	26%	25%	37%	6%	6%	114	109	162	26	26	73%	404
10:07	51	107	39	0	183	65	42	15%	20%	26%	9%	30%	27	37	48	16	55	61%	155
10:11	58	149	47	0	210	114	35	29%	26%	26%	7%	13%	61	55	55	15	27	77%	219
10:22	108	411	96	0	768	226	185	16%	14%	33%	32%	5%	123	108	253	246	38	55%	430
11:46	74	292	84	1	526	157	135	15%	15%	44%	5%	21%	79	79	231	26	110	54%	316
11:52	90	398	85	0	748	191	207	14%	12%	46%	5%	24%	105	90	344	37	180	48%	366
13:34	67	218	69	0	424	92	126	9%	13%	55%	0%	23%	38	55	233	0	98	42%	228
13:46	102	304	81	0	538	113	191	8%	13%	69%	2%	8%	43	70	371	11	43	37%	296
16:12	147	1130	210	2	2102	431	699	7%	14%	64%	0%	15%	147	294	1345	0	315	38%	790
16:17	284	1452	329	0	2508	687	765	9%	19%	59%	0%	13%	226	477	1480	0	326	47%	1300
17:04	56	178	44	0	365	50	128	5%	8%	65%	0%	21%	18	29	237	0	77	28%	150
18:06	374	1690	428	3	2976	896	794	12%	18%	41%	4%	25%	357	536	1220	119	744	53%	1701
18:13	229	874	250	0	1405	569	305	21%	19%	27%	12%	20%	295	267	379	169	281	65%	1048
18:42	205	1011	249	0	1758	601	410	16%	18%	36%	17%	12%	281	316	633	299	211	59%	1055

D-5

Initial Time	Emails	Phone Calls	Text Msg	TDD	Attempted	Reached	Not Reached	Outcome (reported fraction of calls)					Outcome (estimated number of calls)					Call Success	Total Conn.
								Deliv.	Msg.	Int.	Busy	TO.	Deliv.	Msg.	Int.	Busy	TO.		
18:48	162	515	149	0	913	297	218	18%	15%	29%	11%	28%	164	137	265	100	256	58%	608
19:30	192	1068	209	0	1499	836	232	28%	28%	22%	5%	17%	420	420	330	75	255	78%	1237
19:43	125	381	110	0	568	265	116	22%	25%	33%	5%	15%	125	142	187	28	85	70%	500
19:50	71	351	63	0	487	269	82	31%	25%	30%	6%	9%	151	122	146	29	44	77%	403
25:18	61	318	53	0	611	55	263	2%	7%	86%	0%	5%	12	43	525	0	31	17%	169
29:44	39	262	25	0	502	28	234	3%	3%	94%	0%	0%	15	15	472	0	0	11%	92

Table D-3. Statistics of CodeRED alert messages: attempted contacts and outcomes of phone re-call message attempts.

Initial Time	Re-call Time	Phone Calls	Attempted	Reached	Not Reached	Outcome (reported fraction of calls)					Outcome (estimated number of calls)					Call Success	Total Conn.
						Deliv.	Msg.	Int.	Busy	TO.	Deliv.	Msg.	Int.	Busy	TO.		
08:32	08:40	1878	3999	274	1604	4%	3%	80%	1%	12%	160	120	3199	40	480	15%	274
08:46	08:52	485	1028	114	371	7%	4%	71%	2%	16%	72	41	730	21	164	24%	114
10:22	10:29	185	400	61	124	9%	6%	39%	34%	11%	36	24	156	136	44	33%	61
11:46	11:52	135	330	7	128	1%	1%	62%	3%	33%	3	3	205	10	109	5%	7
11:52	11:58	207	505	20	187	2%	1%	56%	11%	29%	10	5	283	56	146	10%	20
13:34	13:41	126	307	2	124	0%	0%	71%	0%	28%	0	0	218	0	86	2%	2
13:46	13:52	191	409	5	186	1%	0%	87%	2%	10%	4	0	356	8	41	3%	5
16:12	16:19	699	1597	7	692	0%	0%	82%	0%	18%	0	0	1310	0	287	1%	7
16:17	16:23	765	1788	14	751	1%	0%	77%	1%	21%	9	0	1377	18	375	2%	14
17:04	17:11	128	312	0	128	0%	0%	76%	0%	24%	0	0	237	0	75	0%	0
18:06	18:13	794	2041	5	789	0%	0%	60%	6%	34%	0	0	1225	122	694	1%	5
18:42	18:49	410	1067	28	382	1%	1%	45%	33%	19%	11	11	480	352	203	7%	28
18:48	18:54	218	599	7	211	1%	0%	37%	14%	48%	6	0	222	84	288	3%	7
25:18	25:25	263	544	7	256	1%	0%	94%	0%	5%	5	0	511	0	27	3%	7
29:44	29:49	234	474	0	234	0%	0%	99%	0%	1%	0	0	469	0	5	0%	0

D-7

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Appendix E. Traffic Progression Maps

Observations of traffic conditions throughout Paradise were compiled from TDs and available photos and videos. The data were presented in Fig. 16 (Sec. 7.5.1) in a condensed/compact tabular form to facilitate comparison of trends over time (reading across the rows) and along certain roads at a specific time (reading down the columns).

To better show the spatial component, the data are re-plotted on a map with the corresponding roadway segments in Figs. E-1 through E-6. Each map panel represents the data at 15-minute intervals each hour, as indicated by the time in each panel. Road segments have been approximated based on the primary intersection/cross street presented in Fig. 16.

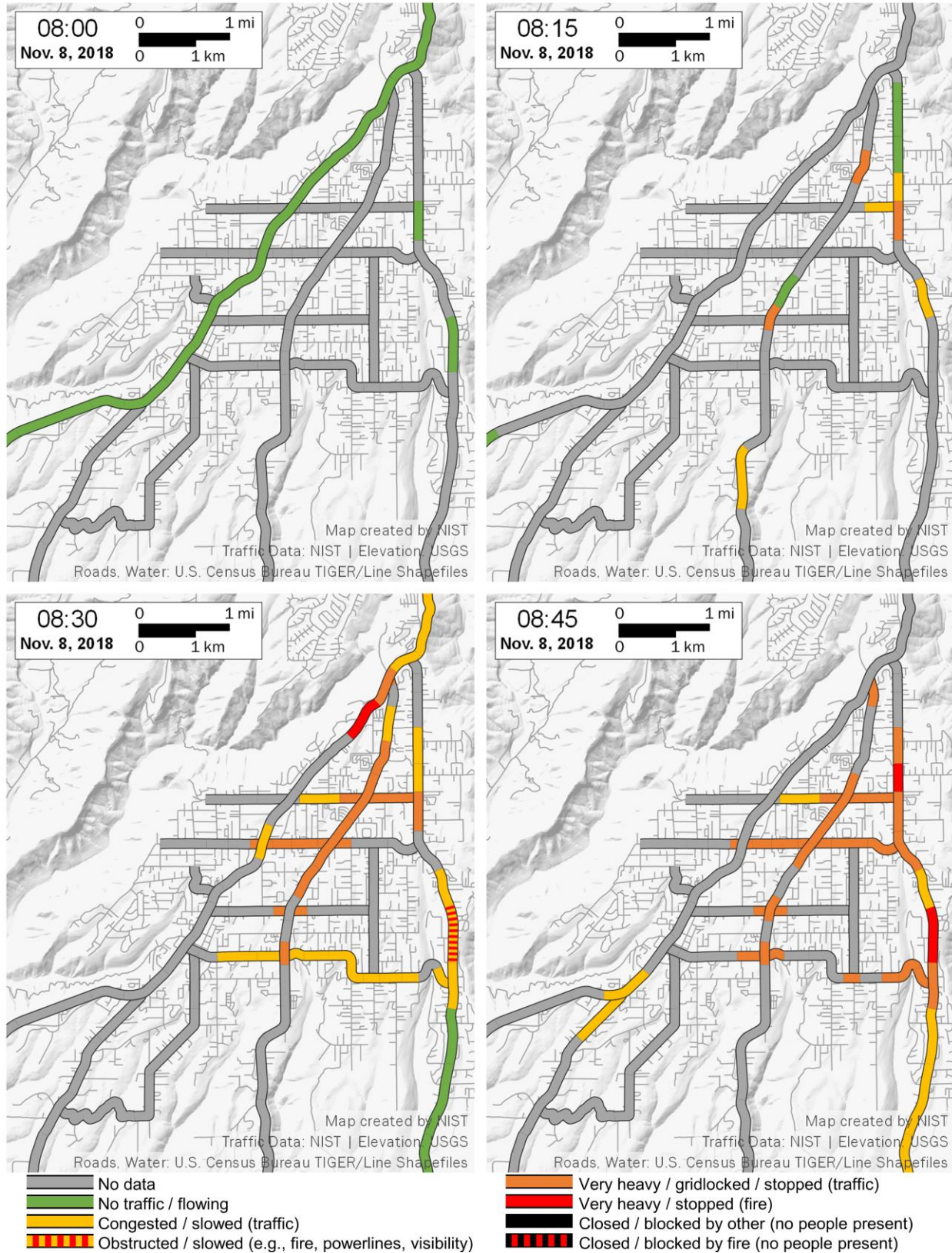


Fig. E-1. Traffic status on primary roadways in Paradise during the 08:00 hour.

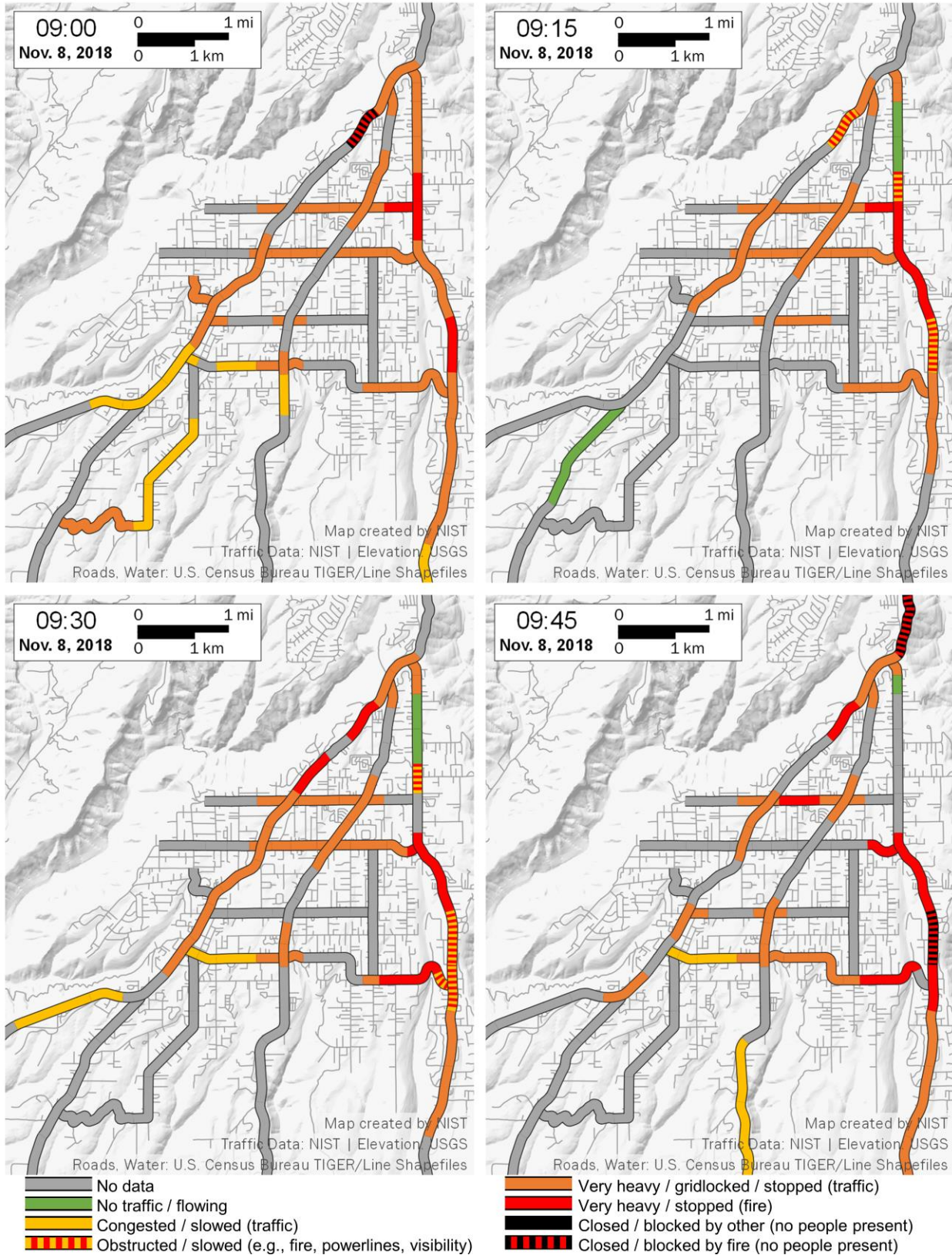


Fig. E-2. Traffic status on primary roadways in Paradise during the 09:00 hour.

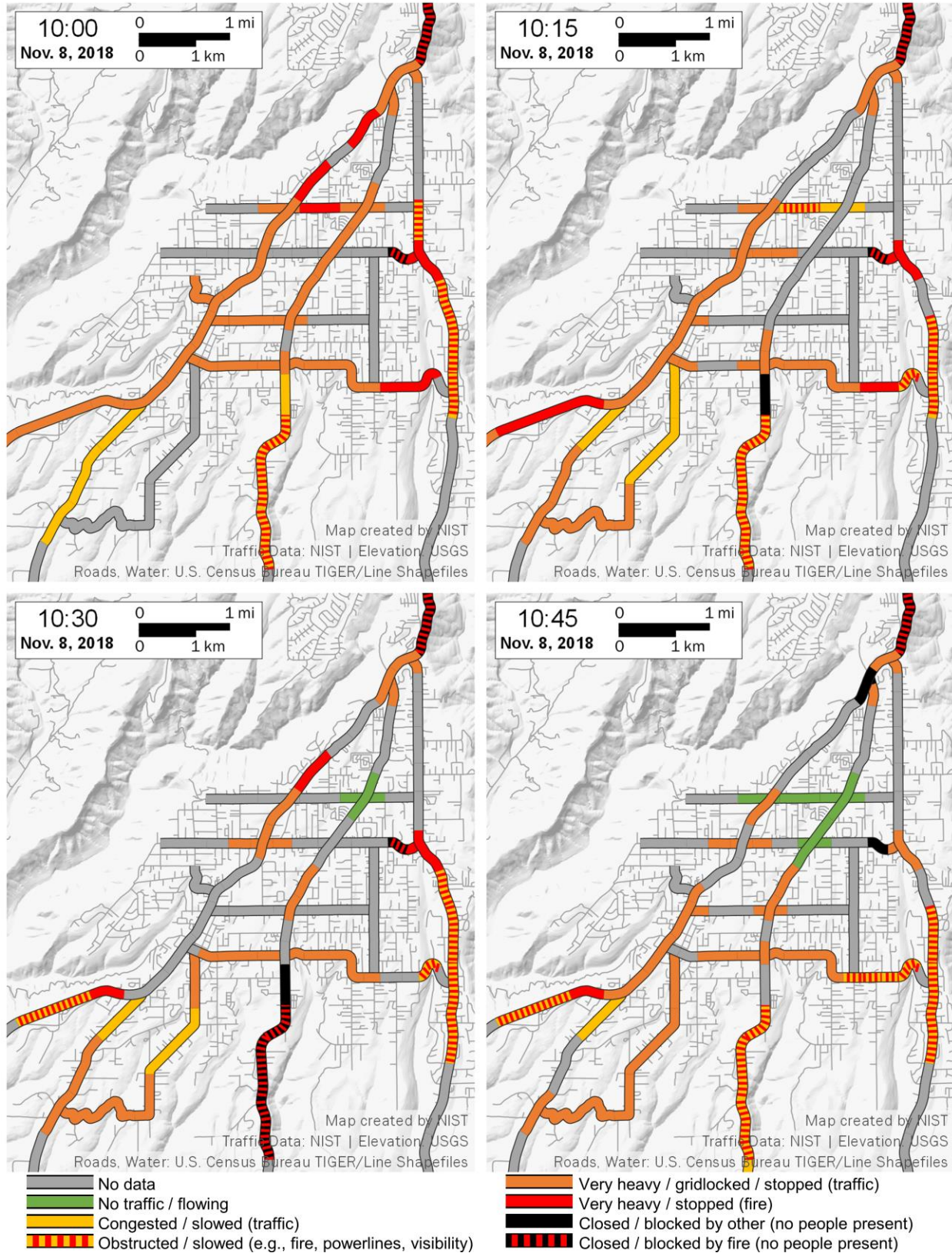


Fig. E-3. Traffic status on primary roadways in Paradise during the 10:00 hour.

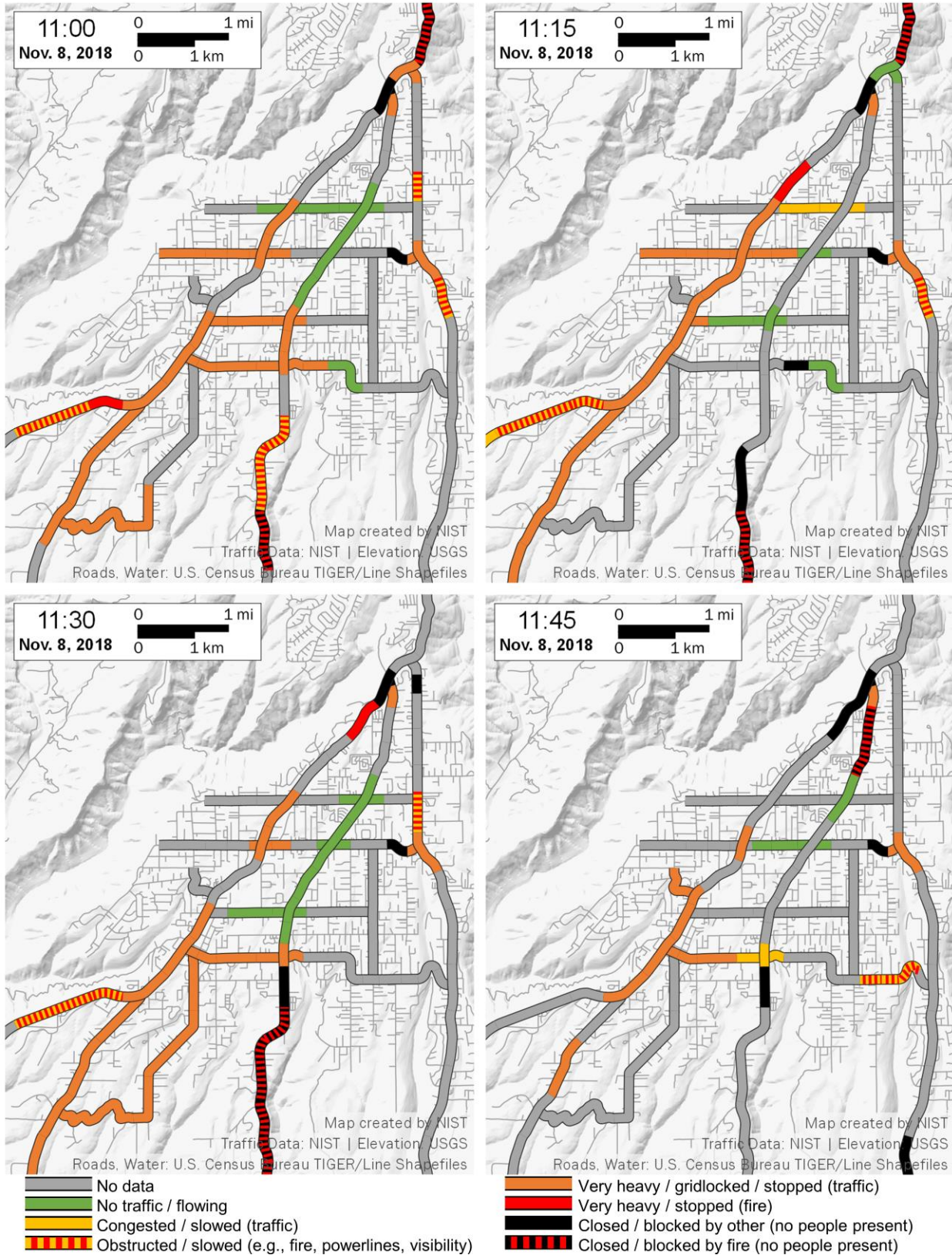


Fig. E-4. Traffic status on primary roadways in Paradise during the 11:00 hour.

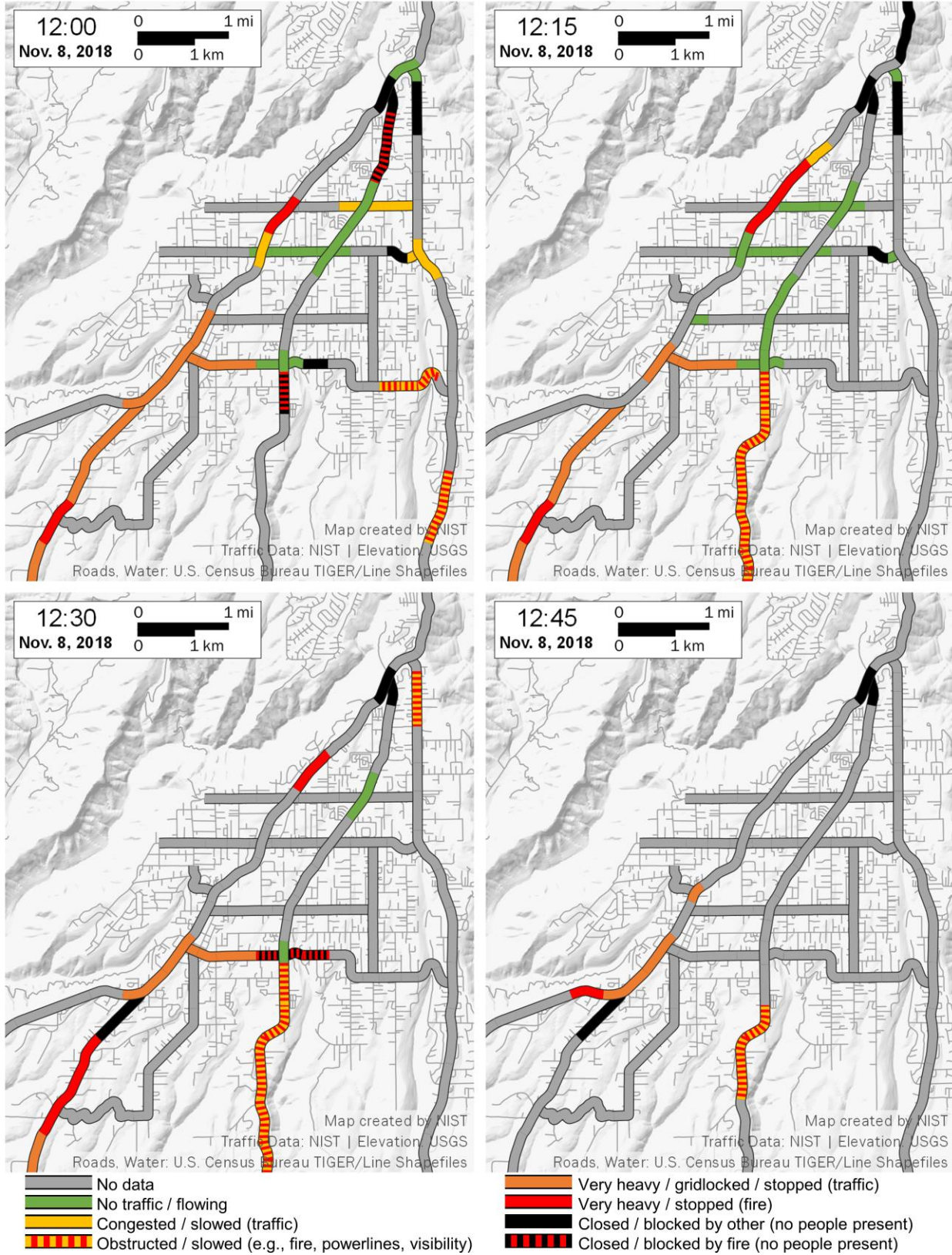


Fig. E-5. Traffic status on primary roadways in Paradise during the 12:00 hour.

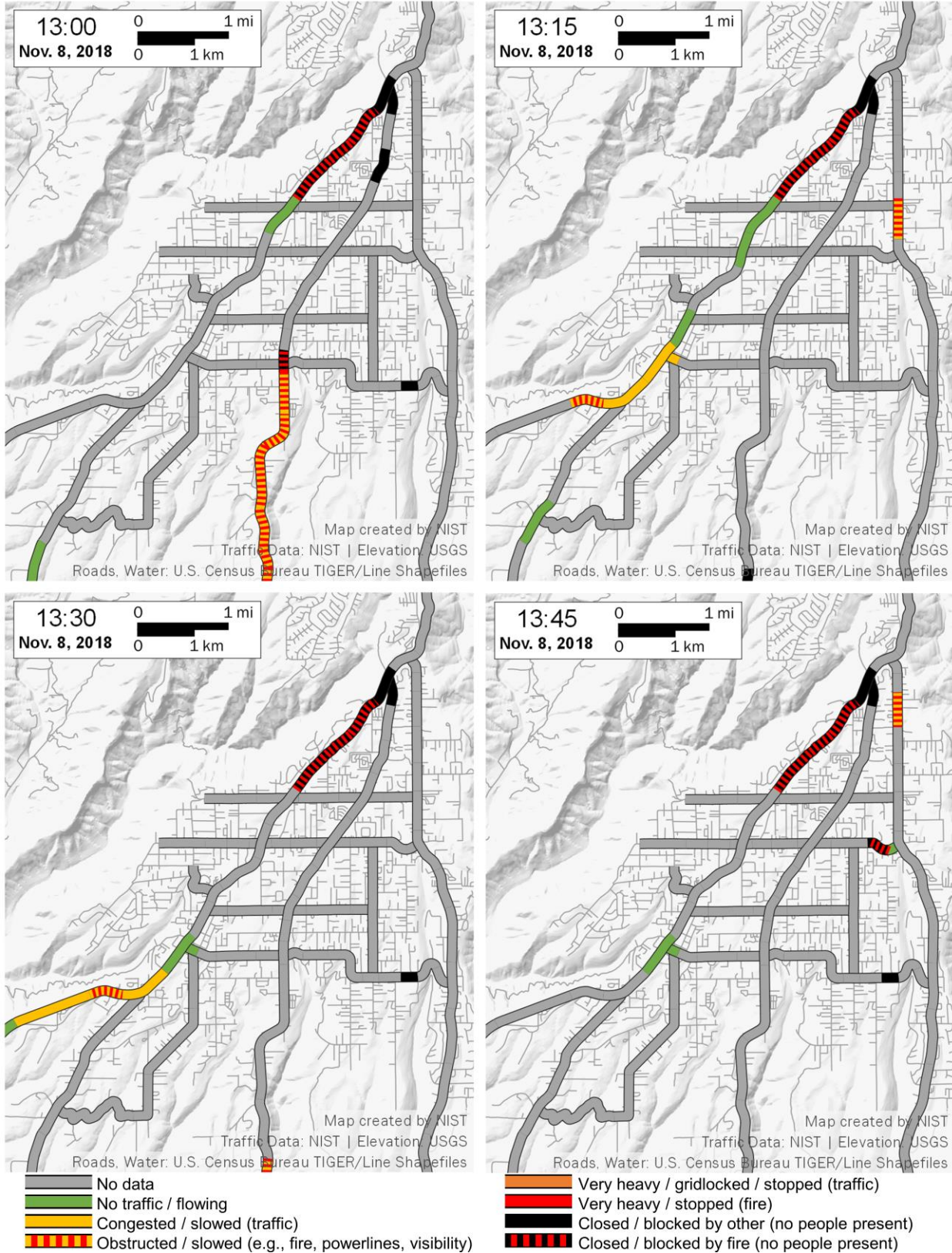


Fig. E-6. Traffic status on primary roadways in Paradise during the 13:00 hour.

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Appendix F. Additional Burnover Data

A total of 23 burnover events were identified during the analysis of data collected throughout the case study. Four of these are presented in detail for the first time in this appendix after additional data analysis revealed additional life-threatening situations. The other 19 have been previously detailed in Appendix B of NIST Technical Note 2135.⁴

Selected observations from the complete data are presented in the following summaries to provide a brief synopsis of each event based on the collected data. Observations are largely presented as they were captured and transcribed during the technical discussions. Slight modifications were included for context and clarity, indicated by *[italics]*, as well as incorporation of SI units. Table F-1 lists the burnover events and the technical discussions that contributed data for each event, as well as the page number on which the detailed summary can be found.

The selected observations presented in the following summaries are intended to provide a snapshot of each situation, focusing on fire behavior and progression information of the incidents. Additional information on the impacts to civilian and first responder movements, evacuations, and TRAs can be found throughout this report in the sections on traffic and TRAs.

The start time and duration information are based on the collected observations and may not include the entire time period of dangerous conditions, particularly if the observer moved to a safer location during the incident. Furthermore, durations may include periods of variable exposure conditions as the fire progressed. The start times and durations, as well as the affected areas, are estimated based on the collected data. The affected areas marked on the maps on the following pages indicate a buffer zone approximately 100 m (330 ft) from the roadway. Hazardous conditions may have existed beyond the marked areas.

Fig. F-1 shows the location and approximate extent of each identified burnover event. Additional maps and aerial imagery are included in the account for each individual event.

Table F-1. List of TD-identified burnover events and information source summary.

ID	Location	Time	Duration	Source(s)	Page #
<i>1–19 See NIST TN 2135</i>					
20	Camelot Ln, Concow	07:55	50 min	TD-008, TD-018, TD-062, VTD-32, 911-086-2, 911-089-1	F-3
21	Edgewood Ln	09:30	n/d	TD-014, TD-300, Butte County DA	F-6
22	Neal Rd	11:30	90 min	TD-014, TD-050, TD-053, TD-066, TD-070, TD-073, TD-078, TD-091, TD-092, TD-106, TD-128, TD-200, TD-205, TD-300, PPD	F-9
23	Clark Rd	11:45	n/d	TD-037, TD-041, VTD-32, PPD	F-12

⁴ Maranghides A., *et al.* (2021) A Case Study of the Camp Fire — Fire Progression Timeline. *NIST Technical Note 2135*. National Institute of Standards and Technology, Gaithersburg, MD. <https://doi.org/10.6028/NIST.TN.2135>

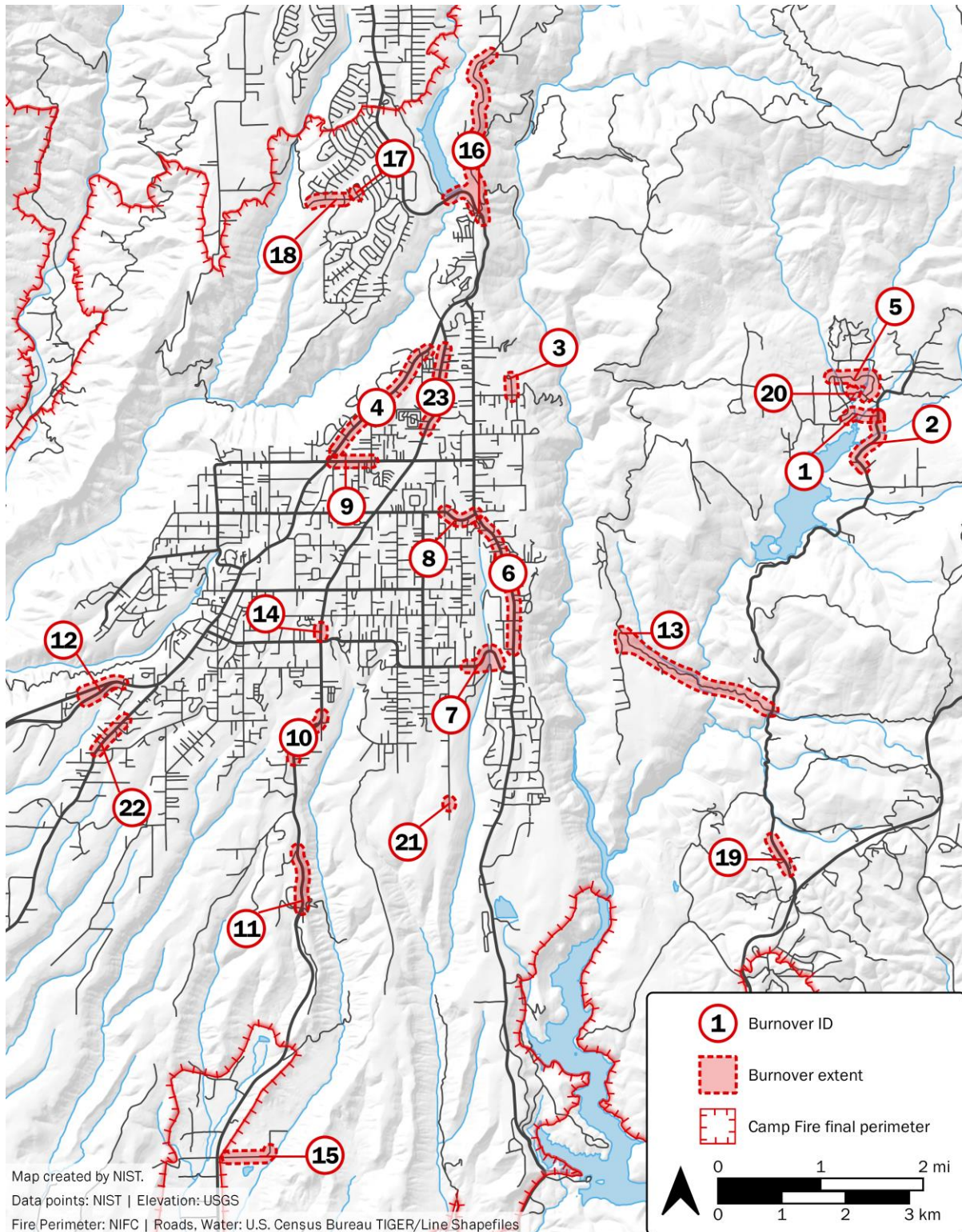


Fig. F-1. Locations and extents of the 23 identified burnover events.

20. Camelot Lane

Date/Time: November 8, 07:50–08:30
Location: Camelot Ln, Concow
Coordinates: [39.786860, -121.509784]
Related TRA: Camelot Meadow (*TRA-A*)

Summary: Numerous spot fires ignited in the Concow valley by 07:15. Civilians and first responders in the Camelot neighborhood could not escape the area. To use the pre-planned safety area (Camelot Meadow Wild Fire Safety Zone, *TRA-A*), they had to wait for the field to burn before taking refuge. There, they were able to wait for the fire to subside, visibility to improve, and more fire department resources to gain access before evacuating.

Time	Observation	Source
07:52	LE: “Still trying to get to [...] Windermere. It's extremely smoky. Quite a bit of fire down here. Most of it's in the low brush and the grass, there's not anything up in the tall trees yet.”	VTD-32
07:55	LE: “I might not be able to get out of Camelot. Winds are too strong. There's fire on the roadways all around us. [<i>inaudible</i>] fire safety zone which is a large open area on Camelot Ln. I think that's the only shot we got right now.”	VTD-32
07:57	LE: “I'm at that spot now, waiting for the grass to burn off. Once it's burned off, I'm going to move all these people and we're going to go sit out in the black in our cars. I think we'll be alright.”	VTD-32
07:58	shelter in place at Camelot	911-086-2
8:00–10:00	aware of an officer trapped with civilians in Camelot	TD-018
08:00	shelter in place at Camelot	911-089-1
08:01	LE: “Ten cars here, holding pretty good right now. All of our vehicles are parked in the black, we're just waiting it out. Everything around us is burned. I think we're going to be alright.”	VTD-32
08:07	40 evacuees at Camelot Meadow with BCSO	TD-008
08:10	LE: “waiting it out”	VTD-32
08:17	LE: “At this point, I think I'm just going to stay put with these people. Cause I've got a large convoy going about 15-16 cars now. I'm going to stay here until CAL FIRE comes to us because I don't know what's burning past what I can see, which is only about 100 yards.” Dispatch: “10-4. [<i>LE</i>] staying put on Camelot, standing by for CAL FIRE to show up.”	VTD-32
08:32	vehicle at entrance to Camelot is on fire; most if not all structures in Camelot already on fire; safety zone is viable; 5 POV already refuging at safety zone with LE	TD-062
08:30–10:49	evacuated caravan of civilians to CA-70 with CAL FIRE lead and follow vehicles	TD-008

Topography: flat

Roadway width: 3 m (10 ft)

Vegetation setbacks: 0 m (field of tall grass, surrounded by mixed forest)

Duration: 40 min

**Extent of burnover
(length of road affected):** n/a

Fire direction across road: n/d

Wind intensity: n/d

Fuels: grass field surrounded by trees and structures

Fire behavior: Details unknown; people had to wait for fire to burn through grass field before they were able to refuge in the field. Fire continued to burn surrounding vegetation and structures.

Related TD: TD-008, TD-018, TD-062, VTD-32, 911-086-2, 911-089-1

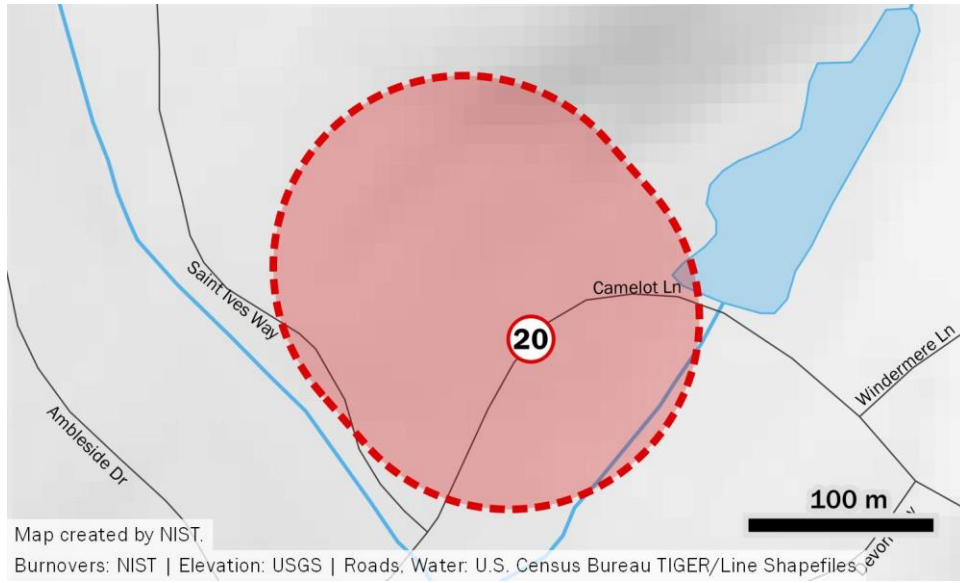
Related streets or keywords: Camelot Ln, Windermere Ln, Concow Rd, Camelot Meadow

Street-level view: Looking north at the meadow from Camelot Ln. A sign reads “Wild Fire Safety Zone Public Assembly Camelot Meadow.”

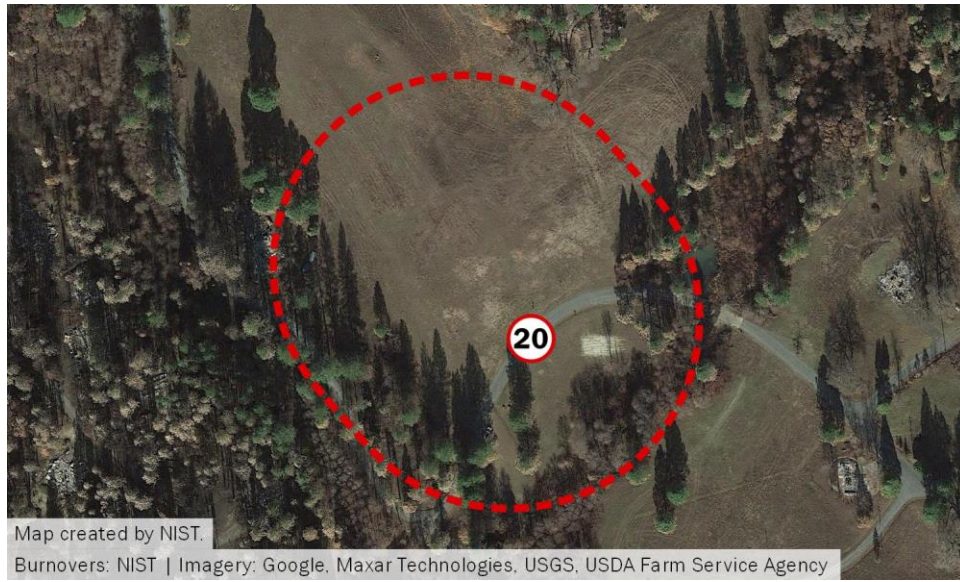
Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: No imagery available.

Street map:



Satellite view:



21. Edgewood Lane

Date/Time:	November 8, ~09:30
Location:	Edgewood Lane, 2.1 km (1.3 mi) south of Pearson Road, Paradise
Coordinates:	[39.729286, -121.584366]
Related TRA:	n/a
Summary:	Five fatalities in four vehicles were discovered on Edgewood Lane south of Pearson Road. It is presumed that the victims were overcome by fire as they were evacuating around the time of the main fire progression westward along Pearson Rd and southern side streets. The following data points present the context for the heavy traffic delays along Pearson Road and all side streets, and the onset of fire conditions, including the Pearson Road burnover (<i>BO #7</i>) and TRA (<i>TRA-J</i>).

Time	Observation	Source
09:00	all cross streets feeding Pearson Rd all trying to go WB, all backed up; not moving; visibility near zero	TD-037
09:00	Pearson Rd WB solid backup; Pearson Rd EB has some traffic; some 2-lane traffic WB; many emergency vehicles passing by; sky is orange, twilight dark; ground visibility still good	TD-034
09:00	traffic both directions [<i>on Pearson Rd</i>]. WB backed up as far as can see. EB, traffic but may be moving	TD-034
09:04	6 vehicles in line on Edgewood Rd to get onto Pearson Rd	TD-300
09:04	Pearson Rd is now two lanes WB	TD-300
09:04	10 to 15 vehicles in line on Stearns Rd to get onto Pearson Rd	TD-300
09:04	now 20+ vehicles on Edgewood Ln waiting to get onto Pearson Rd	TD-300
09:10	stuck in traffic jam at Edgewood Ln and Pearson Rd; creeping along	TD-300
09:16	all lanes WB on Pearson Rd from Sawmill Rd east; driving in ditch hitting mailboxes	TD-087
09:20	first spot fire [<i>on Pearson Rd near Edgewood Ln</i>] ignites in pine needles and litter; in a draw with green ivy [<i>note: this fire is not directly related to the burnover, but indicates the general progression of the fire westward</i>]	TD-087
09:35–10:18	The Pearson Rd TRA [<i>located 2.1 km north and 0.2 km east of this burnover</i>] is implemented as the fire front moves through the area.	Multiple, see <i>TRA-J</i> p. I-37
09:58	a lot of traffic at Pearson Rd and Edgewood Ln; LE unit heading to Pearson Rd and Clark Rd to investigate	VTD-32
n/d	Fire pushed heavy through Edgewood Ln, South Libby Rd, and Sawmill Rd; Three dead-ends, one way in/out; aware of 4 fatalities on Edgewood Ln; Fatalities in four vehicles at end of street.	TD-014
n/d	Five fatalities in and around four vehicles were located in the 5000 block of Edgewood Ln. Each of the victims were residents in that area and evidence suggests they were attempting to evacuate when they were overcome by fire.	Butte County District Attorney ^a

^a Butte County District Attorney (2020) The Camp Fire Public Report: A Summary of the Camp Fire Investigation. Butte County District Attorney, Oroville, CA. Available at <https://www.buttecounty.net/Portals/30/CFReport/PGE-THE-CAMP-FIRE-PUBLIC-REPORT.pdf?ver=2020-06-15-190515-977> Accessed: February 2023.

Topography: flat along north-south ridge, 300 m wide; 75 m (250 ft) elevation change to east ravine

Roadway width: 3 m (10 ft)

Vegetation setbacks: 0 m to 3 m (0 ft to 10 ft)

Duration: n/d

Extent of burnover (length of road affected): 250 m (0.15 mi)

Fire direction across road: likely east to west

Wind intensity: n/d

Fuels: shrubs and trees

Fire behavior: n/d

Related TD: none directly involved; TD-014, TD-300, Butte County District Attorney report

Related streets or keywords: Pearson Rd

Street-level view: View south from Sunny Acres Rd, 900 m (0.55 mi) north of burnover location.

Pre-fire imagery links: [Google Maps Street View](#)

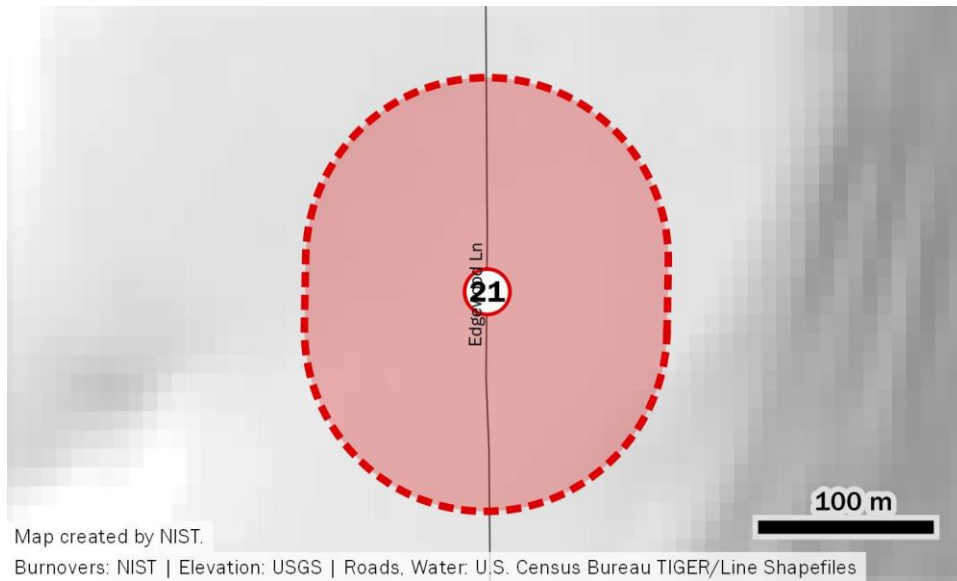
Post-fire imagery links: No imagery available.

Street-level view: View south from Marston Way, 575 m (0.35 mi) north of burnover location.

Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: No imagery available.

Street map:



Satellite view:



22. Neal Road

Date/Time:	November 8, 11:30–13:00
Location:	Neal Road, Paradise
Coordinates:	[39.737913, -121.647949]
Related TRA:	n/a
Summary:	Fire impacted Neal Road south of Skyway as heavy traffic was backed up along Neal Road. Several people abandoned their cars as flames approached. It is unclear how they escaped the area, either on foot or into another vehicle. In total, 10 abandoned vehicles on Neal Road and five more nearby on Roe Road were identified in person or by photographs and aerial imagery after the fire.

Time	Observation	Source
10:30	immediately see spot fires ahead; fire front not here yet, just spots	TD-106
10:57	LE: "I'm at Wayland and Neal directing traffic, flames coming up Red Sky. Pretty gridlocked in this section."	PPD
11:00–12:30	traffic on Wayland is slow; very smoky, very dark; can hear explosions; chunks falling but not glowing	TD-073
11:00–11:30	small spot fires on Neal Rd	TD-078
11:00–11:30	fire on NW side of Neal Rd; heavy traffic but moving	TD-053
11:00–11:30	fire coming over Neal Rd	TD-053
11:23–12:13	stuck on Neal Rd at Roe Rd	TD-300
11:23–12:13	vehicles using NB lanes for SB traffic and gridlock ensued; did not move for 50 minutes; some people abandoning vehicles	TD-300
11:23–11:57	fire came from canyon west of Neal Rd	TD-300
11:23–11:57	first trees, then smoking house, then eaves caught fire, then fully involved	TD-300
11:29	LE: "I'm here on Neal and Wayland. It's gridlocked and the flames are getting really close to Neal; traffic is coming all downhill both lanes on Neal, and Wayland as well."	PPD
11:30–12:30	fire on west side of Neal Rd; in area of Red Sky Ln and Bayleaf Ln	TD-073
11:30	fire activity both sides of Neal Rd north of Wayland Rd	TD-066
11:30–11:50	Made access up Neal Rd; cars stacked SB sometimes 2 lanes; some vehicles NB. We drove on shoulder at times, delayed by traffic; on PA to get cars to move	TD-205
11:32	slowdown at Goa Way and Neal Rd; two lanes Neal SB; we are driving in ditch hitting mailboxes	TD-091
11:48	LE: "Gridlock on Neal Rd at Roe Rd. Nothing moving. Fire about 15 to 20 yards from the road."	TD-300
12:00	fire front came all around	TD-106
12:03	LE: "Neal and somewhere south of Burden Ter, gridlock here, code 4, but this is not moving at all."	PPD
12:04	LE: "I can see movement on lower Neal. I went up on Wayland and can see traffic slowly moving."	PPD
12:08	Oroville ECC advises multiple vehicles being overrun by fire on Neal Rd and Roe Rd area unable to leave	TD-014

Time	Observation	Source
12:08	LE: Neal Rd...myself and [LE] are splitting a lane, we're getting traffic moving down Neal Rd so it's not gridlocked."	PPD
12:13	LE: "lower Neal, north of Wayland; fire's crossing the road"	PPD
12:17	LE: "for information:3000 block of Neal, flames almost to road, still gridlock on Neal	PPD
12:20	already burning both sides of road; truck and utility trailer on fire; LE prevented further access	TD-050
12:27	LE: "SB Neal outside the town limits, it's moving pretty well now. There's fire to the west of us but were fine."	PPD
12:28	fire everywhere on Neal Rd	TD-200
12:29	Neal Rd shut to SB traffic due to fire	TD-070
12:29	LE: "We're probably one of the last vehicles to get through. Fire was right up against the road just inside the town limits."	PPD
12:29	LE: "Do not send any more cars down Neal Rd at Skyway."	PPD
12:30	BCSO is at Neal and Skyway; 5 lanes of Skyway are SB. BCSO walked ahead of strike team to clear center lane to let us pass [<i>northbound</i>]	TD-128
12:31	LE: "Fire is now crossing Neal Rd eastbound south of Jade Ln."	PPD
13:22	traffic has cleared off Neal Rd at Wayland Rd	TD-092

Topography: 3 % grade along roadway; flat along slight ridge, with small ravines east and west

Roadway width: 6 m (20 ft)

Vegetation setbacks: 0 m to 3 m (0 ft to 10 ft)

Duration: 90 min

Extent of burnover (length of road affected): 800 m (0.5 mi)

Fire direction across road: variable; west to east near Wayland Rd and Red Sky Ln, possibly east to west further north near Roe Rd.

Wind intensity: n/d

Fuels: roadside grasses, trees, shrubs; structures

Fire behavior: n/d

Related TD: TD-014, TD-050, TD-053, TD-066, TD-070, TD-073, TD-078, TD-091, TD-092, TD-106, TD-128, TD-200, TD-205, TD-300, PPD

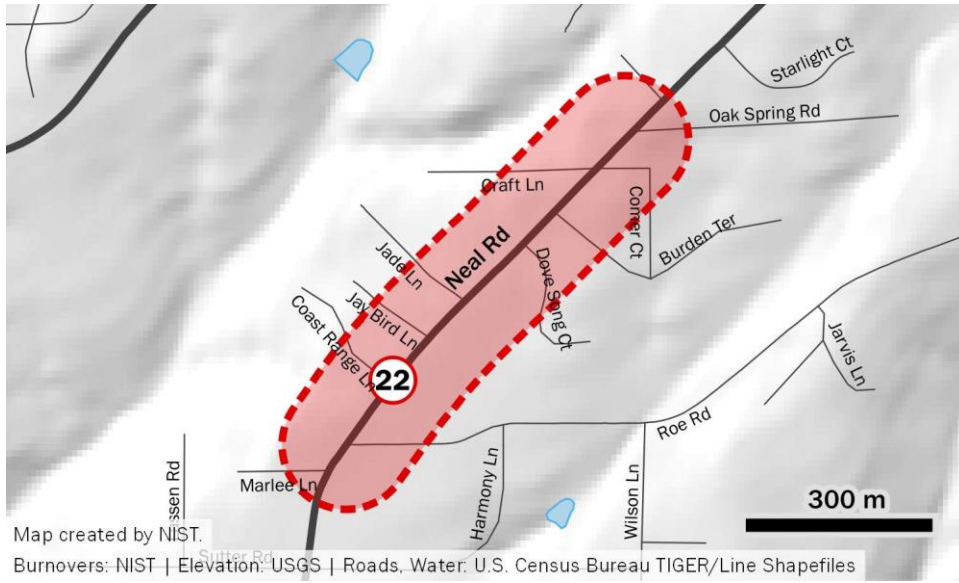
Related streets or keywords: Skyway, Roe Rd, Wayland Rd

Street-level view: View north-northeast on Neal Rd at Roe Rd.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



23. Clark Road / Cypress Lane

Date/Time: November 8, 11:45
Location: Clark Road, Paradise
Coordinates: [39.784242, -121.586680]
Related TRA: n/a

Summary: The main fire front progressed west into the Clark Road corridor north of Wagstaff Road between 11:00 and 12:00. The initial data point below refers to the evacuation of an acute care nursing facility as the fire approached. Half an hour later, a PPD officer drove north toward the traffic jam at the Clark Road/Skyway intersection where a TRA was being formed (*TRA-S*). At that time, 11:45, there was fire near the Kilcrease Circle intersection, and several spot fires to the north. Several civilians were still driving through the area. Twelve minutes later, the officer returned south, where conditions had quickly deteriorated, with heavy fire on both sides of the road now where only a few spots had been before. Visibility was zero in thick smoke. At Kilcrease Circle, a utility pole had burned, and utility lines were obstructing the roadway within heavy fire conditions. The officer was able to sneak under the lines and escape.

Time	Observation	Source
11:17	“ <i>[fire is]</i> moving very very quickly towards us. We've got one fire engine with us and a lot of units we're going to just have to start loading in vehicles.” “10-4. Any available units, 1633 Cypress, off of Clark.” Multiple units responding.	VTD-32
11:20	spot fire south of Apple Tree mobile homes; spotting to W side of Clark Rd [<i>near Kilcrease Cir</i>]	TD-037
11:20	RV storage at Kilcrease Cir and Clark Rd is on fire	TD-037
11:25	arrived at Clark Rd and Skyway intersection; 2 PPD and 1 BCSO at intersection holding traffic from going south on Skyway because of heavy fire to the south	TD-041
11:36	winds 10 mi/h to 20 mi/h (5 m/s to 9 m/s) gust to 30 mi/h (13 m/s); visibility variable down to 100 feet (30 m); heavy smoke south of location; intersection completely gridlocked all lanes [<i>Clark Rd</i>], all lanes heading northbound to Skyway	PPD
11:39	two vehicles head SB on Clark Rd, return after 3 minutes [<i>impassable due to fire and/or visibility</i>]	PPD
11:45	fire is burning both sides of Clark Rd at Kilcrease Cir, south of Cypress Ln	PPD
11:45	Five spot fires are visible along the east side of Clark Rd between Kimberly Ln and Pheasant Ridge Dr, burning in surface fuels and fences. One yard and fence on the west side of Clark Rd is burning near Pheasant Ridge Dr.	PPD
11:46	Clark Rd at Cabernet Ln is blocked by cars; very little ground smoke, visibility good; wind 10 mi/h to 15 mi/h (4 m/s to 7 m/s) at surface blowing from NE	PPD
11:56	3 additional civilian vehicles arrive to Clark Rd at Cabernet Ln after police car	PPD
11:56	visibility south of Cabernet Ln is smoky, visibility 0 ft to 200 ft (0 m to 60 m)	PPD
11:57	fire on the west side of Clark Rd has spread to north side of Pheasant Ridge Dr	PPD

Time	Observation	Source
11:57	heavy fire in vegetation now burning both sides of Clark Rd between Pheasant Ridge Dr and Eaglet Way (200 m segment), where there were three spot fires 12 minutes prior	PPD
11:57	no fire on Clark Rd between Eaglet Way and Kimberly Ln (230 m segment)	PPD
11:57	heavy fire both sides of Clark Rd between Kimberly Ln and Adams Rd (580 m, 0.4 mi, segment including Cypress Ln and Kilcrease Cir)	PPD
11:57	power lines and pole partially blocking Clark Rd at Kilcrease Cir	PPD
11:59	LE: "North on Clark from Wagstaff, there's multiple powerlines down blocking the roadway. They won't be able to get through to go north" [<i>to Clark Rd from Wagstaff Rd</i>].	PPD

Topography: flat, 2 % grade uphill to north

Roadway width: 8 m (26 ft)

Vegetation setbacks: 0 m to 6 m (0 ft to 20 ft)

Duration: n/d

Extent of burnover (length of road affected): 1300 m (0.8 mi)

Fire direction across road: east to west

Wind intensity: 4 m/s to 9 m/s, gust to 13 m/s (10 mi/h to 20 mi/h, gust to 30 mi/h)

Fuels: roadside vegetation; trees, shrubs, grasses; structural fuels including fences

Fire behavior: initial small spots ahead of main burning area to east, growing and consuming the entire area

Related TD: TD-037, TD-041, VTD-32, PPD

Related streets or keywords: Fire Station 35, Optimo

Street-level view: View southwest on Clark Rd at Cypress Ln, where the roadway width and vegetation setback were greatest.

Pre-fire imagery links: [Google Maps Streetview](#)

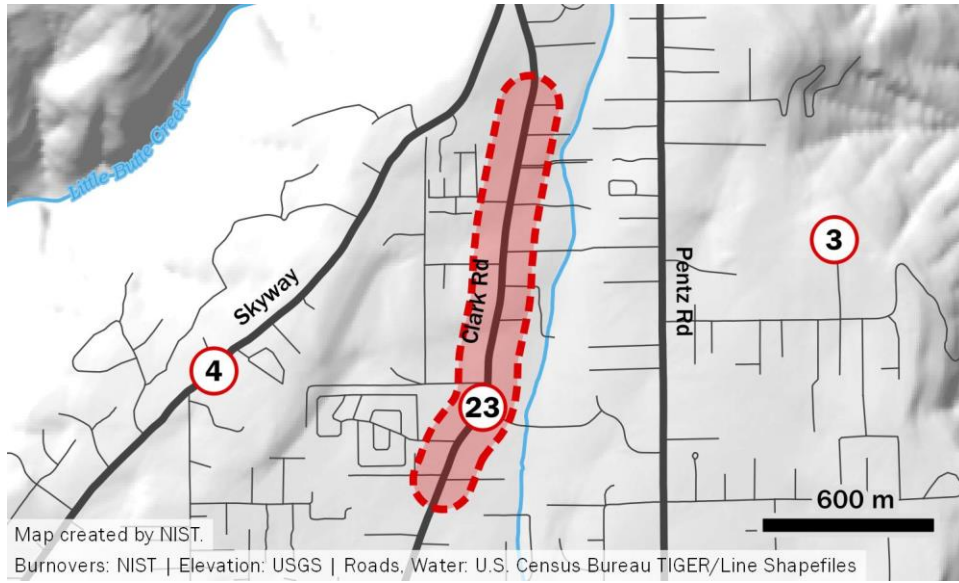
Post-fire imagery links: [Google Maps Streetview](#), [Bing Maps Street Side](#)

Street-level view: View south on Clark Rd at Pheasant Ridge Dr.

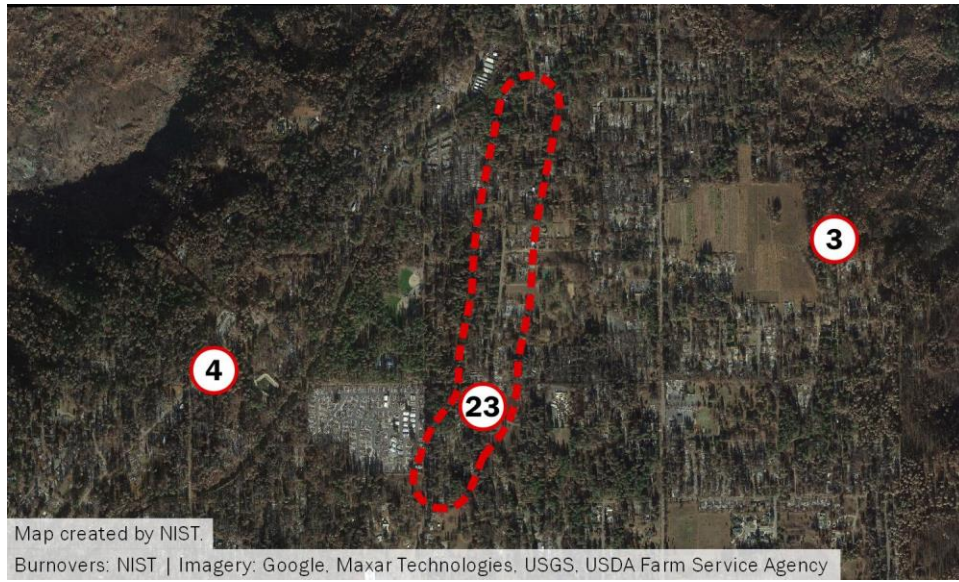
Pre-fire imagery links: [Google Maps Streetview](#)

Post-fire imagery links: [Google Maps Streetview](#), [Bing Maps Street Side](#)

Street map:



Satellite view:



Appendix G. Caltrans PeMS Data, CA Highway 99

The California Department of Transportation (Caltrans) Performance Measurement System (PeMS) logs traffic data and measurement observations from a statewide sensor network on state freeways.⁵ Additional data from Caltrans and California Highway Patrol (CHP) include roadwork and emergency lane closure information and traffic incidents. Lane closure data in PeMS on November 8, 2018, indicates emergency full closures of CA Highway 70 at 07:45, and Clark Road (CA Highway 191) at 08:45.

At the time of the fire, there were four vehicle detection stations (VDS) installed on CA Highway 99 (CA-99) in the fire-affected area. One VDS was located on each direction of the mainline roadway, one VDS on the southbound off-ramp to Skyway, and one VDS on the northbound on-ramp from Skyway. Additional detectors have been added throughout the CA-99 corridor since the fire occurred.

Each mainline detector collects data including traffic flow, occupancy, and speed.⁶ A detector installed in the roadway senses when a vehicle passes over it. Flow is measured as the number of times a vehicle is sensed in a specified period of time, and occupancy is measured as the fraction of this time during which the detector senses a vehicle passing above. Speed is calculated based on the flow and occupancy measurements combined with a detector-specific conversion factor, tuned to the local traffic characteristics (average vehicle length). The sensors on the ramps only collected traffic flow data. Figures G-1 through G-4 show the time history of traffic measurements on the day of the fire from 00:00 to 24:00 on November 8, plotted in red.⁷ Light gray lines plot the time history of each weekday for 30 days prior to the fire to provide a comparable baseline traffic condition. The average weekday is plotted with a black line. The data collected from PeMS sensors are consistent with the traffic flow data collected through TDs, AVL, and other datasets. The following discussion is presented to interpret the data.

Mainline Northbound, Fig. G-1

Data suggest traffic patterns within normal variability northbound on CA-99 at Skyway through 10:00, with occasional spikes in flow and occupancy with corresponding reduced speeds, potentially indicating higher vehicle density. These variations were generally within the bounds of normal traffic observations during the previous 30 weekdays. Between 10:30 and 11:00, the occupancy skyrocketed and the speed slowed, suggesting heavy traffic build up and delays comparable to some weekday evening rush hour traffic. Flow from the on-ramp was also reduced at this time, as seen in Fig. G-3, perhaps due to the slowdown on the main lanes. CHP incident details within the PeMS database indicate traffic control was requested to close the ramps at the CA-99/Skyway intersection at 10:00. See Fig. G-4 showing the likely ramp closure and Fig. G-3 showing the impacts of the mainline slowdown or potentially a closure of the ramp.

The increased occupancy and reduced speed on the northbound mainline continued between 11:00 and 13:30. There appears to be no flow between 13:30 and 14:20. Potential implications of

⁵ California Department of Transportation (n.d.) *Performance Measurement System (PeMS)*. Available at <https://pems.dot.ca.gov/>. Accessed: May 2022.

⁶ California Department of Transportation (2013) *PeMS User Guide*. Available at https://pems.dot.ca.gov/PeMS_Intro_User_Guide_v5.pdf. Accessed: May 2022.

⁷ The 'Change from Normal Mean Flow (%)' has been smoothed with a 30-minute median filter to reduce noise in the calculation.

zero flow include that traffic was completely stopped, existing vehicles had filtered through the slowdown and there was no more traffic, or the roadway was closed further south shortly after 13:00. Flow resumed, unrestricted, after 14:20 at about 40 % of typical volume during the afternoon hours.

Mainline Southbound, Fig. G-2

Traffic south at Skyway appears to have flowed at normal weekday volume and speed through 08:00. An increase in occupancy and decrease in speed occurred after 08:00, correlating with the onset of evacuations. A sustained increase in flow and occupancy was observed between 08:00 and 09:30, and again between 10:30 and 12:30. Traffic flow reduced significantly between 13:00 and 15:00 and continued below normal until 18:00, when overnight flow patterns resumed.

The increase in southbound mainline flow at 10:30 corresponds to the closure of the southbound off-ramp, as seen in Fig. G-4. The decrease in southbound traffic after 12:00 could be related to any potential traffic control from points north which restricted entrance to CA-99 SB, although no data was collected detailing specific actions related to this hypothesis.

Northbound On-ramp from Skyway, Fig. G-3

Traffic leaving Skyway onto CA-99 followed typical weekday flow patterns until 08:00, when there was a decrease in normal flow. Due to the absence of occupancy and speed data, it is undetermined if flow was reduced due to a traffic slow-down, or a true reduction in the number of vehicles. The decrease in flow beginning at 10:30 correlates to the significant increase in occupancy on the mainline northbound lanes, indicating a potential traffic jam affecting the ramp. This time also corresponds to the time of the southbound off-ramp closure, indicating potential implementation of traffic control. No flow was measured on the northbound on-ramp between 12:30 and 14:20, suggesting traffic was stopped because of the slowdown/stopped traffic on the mainline, or that the ramp was closed during that time. Flow on the on-ramp resumed at 14:20 when flow on the mainline also resumed after evacuation of Paradise.

Southbound Off-ramp to Skyway, Fig. G-4

Traffic flow data from the off-ramp from CA-99 onto Skyway shows increased flow between 08:00 and 09:00. An apparent closure at 10:30 correlates with the CHP incident data requesting closure of this ramp at 10:00. Closure of this ramp would prevent traffic from adding to the congestion at the Skyway intersection. The ramp was reopened, and flow resumed at 15:00 after evacuation of Paradise, although well below normal.

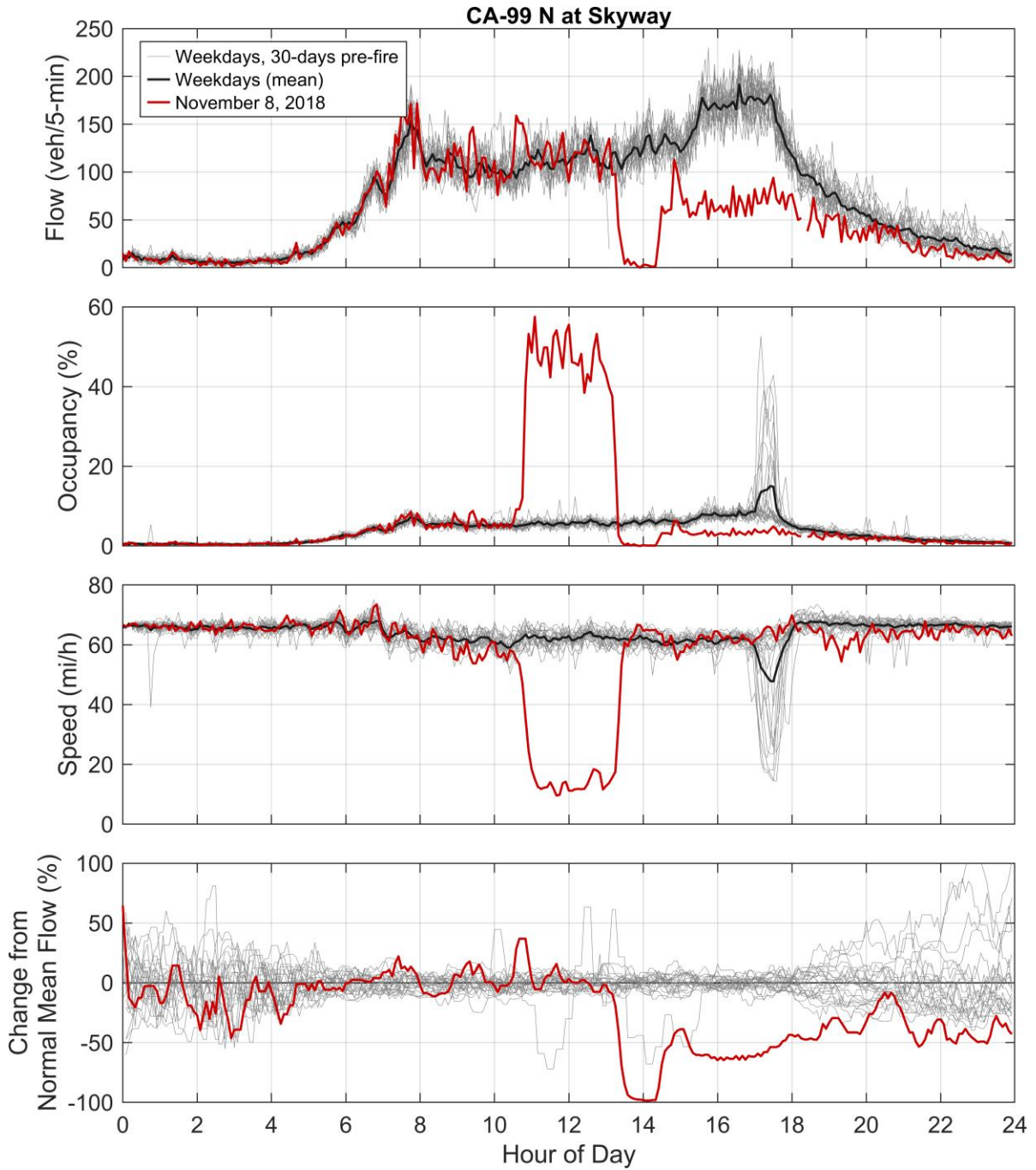


Fig. G-1. Traffic condition observations on CA-99 northbound at Skyway on November 8, 2018.

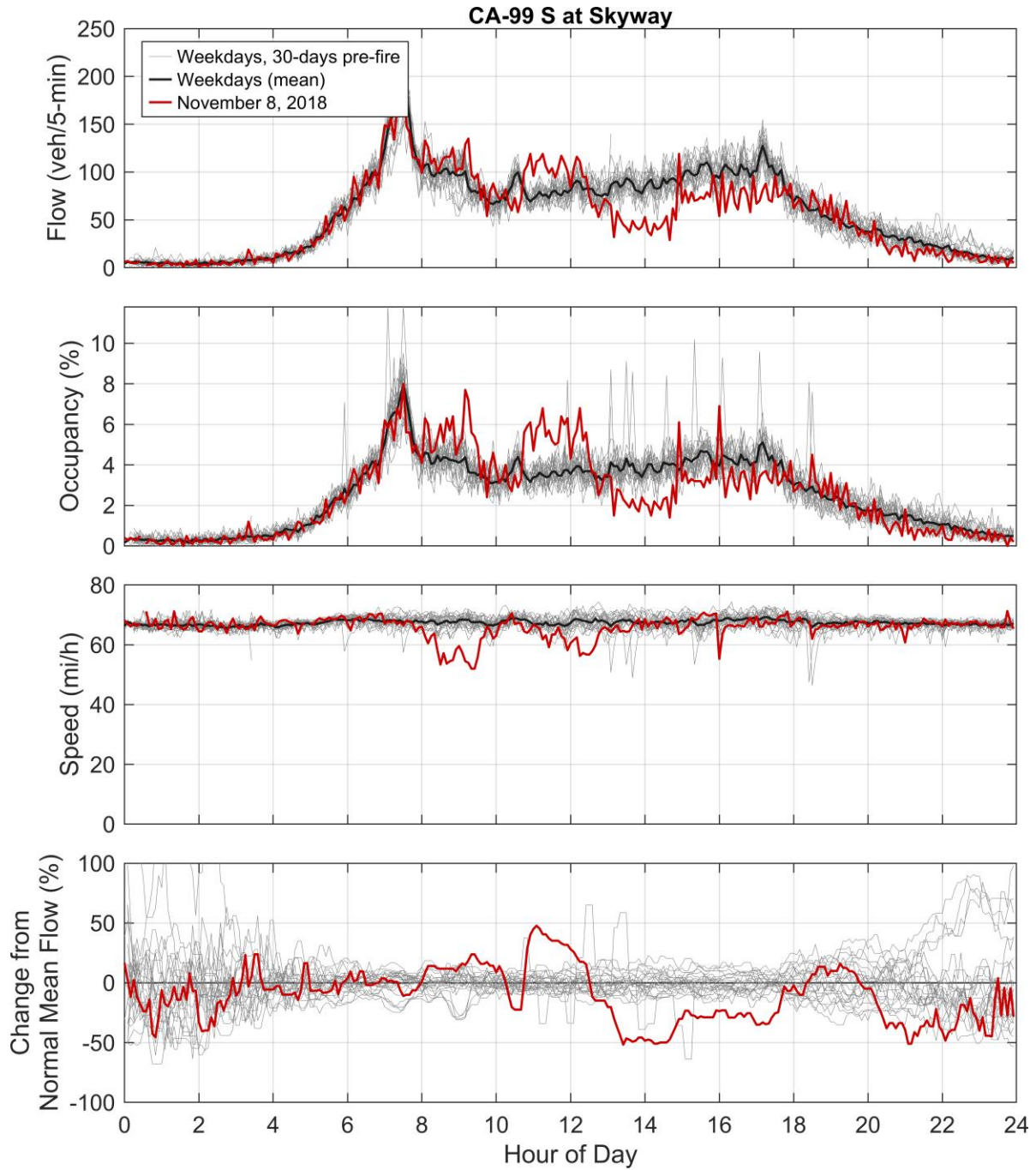


Fig. G-2. Traffic condition observations on CA-99 southbound at Skyway on November 8, 2018.

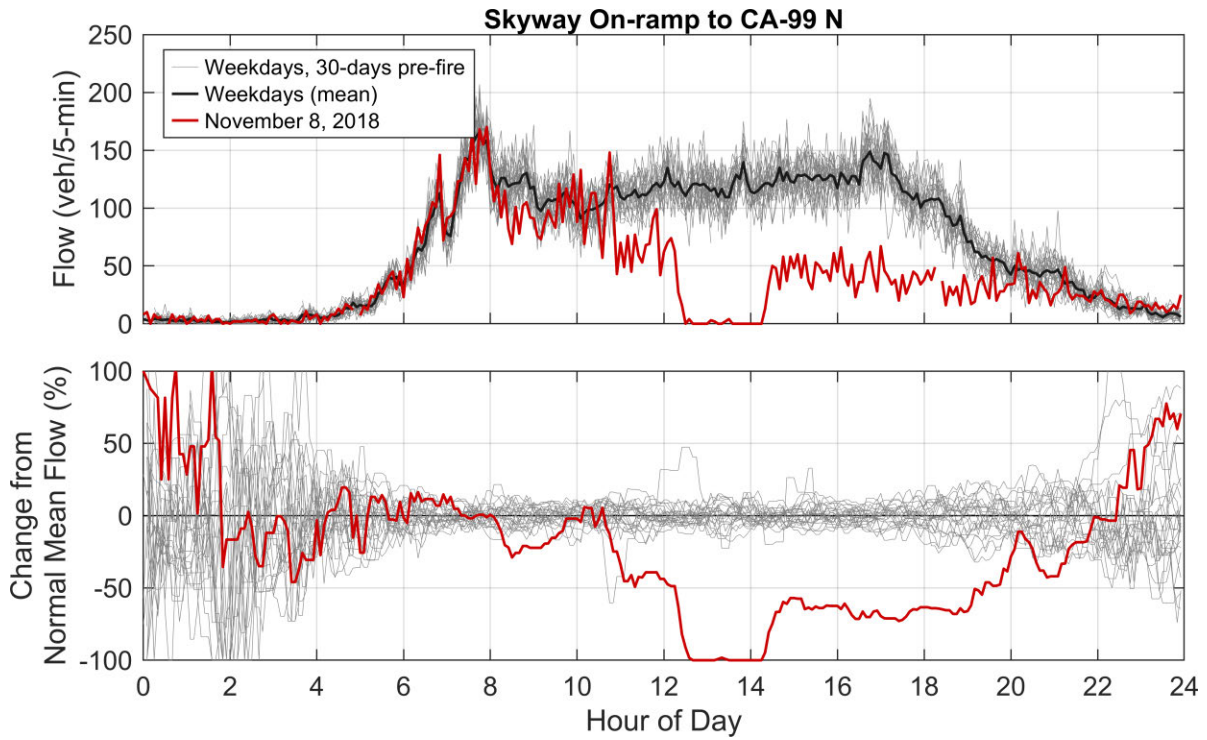


Fig. G-3. Traffic condition observations on the on-ramp to CA-99 from Skyway on November 8, 2018.

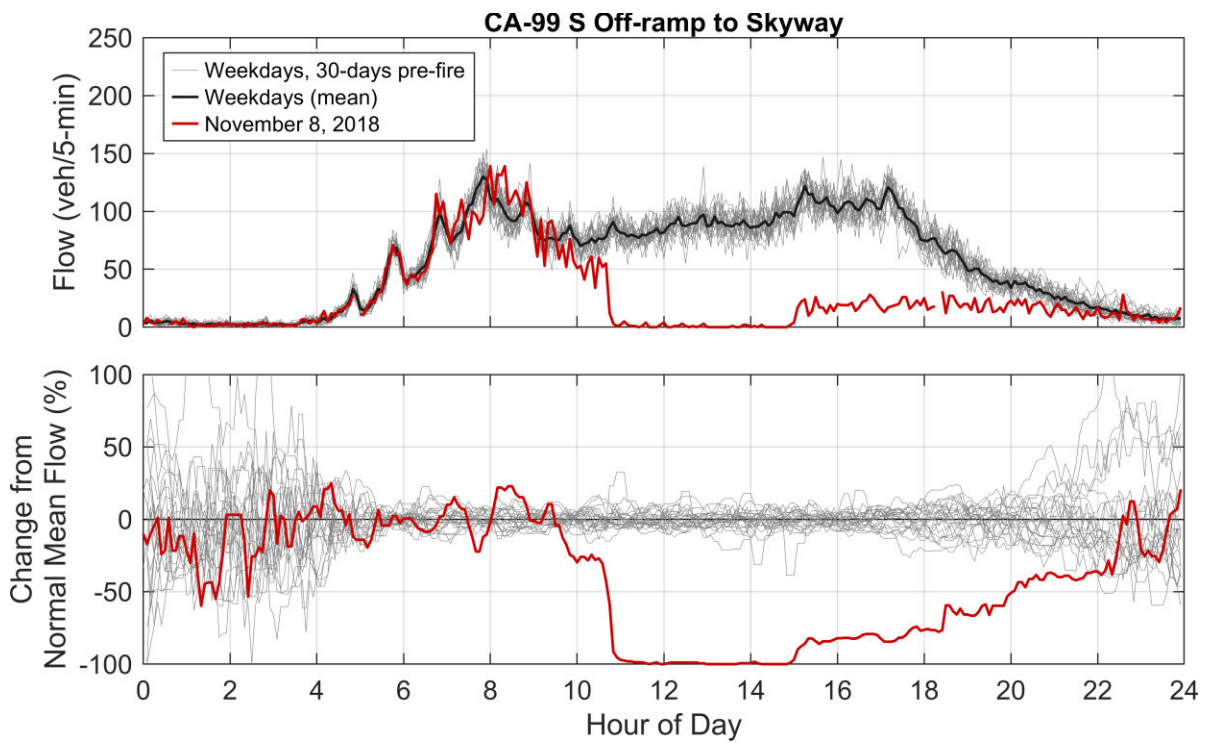


Fig. G-4. Traffic condition observations on CA-99 southbound off-ramp to Skyway on November 8, 2018.

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Appendix H. Abandoned Vehicle Data Analysis Methodology

Tracking abandoned vehicles as a result of a large, rapidly developing, wildland-urban interface fire is a difficult task. Photos and videos showing abandoned vehicles were taken at different times during and after the fire, mostly with cellular phones. They were taken by a variety of individuals and most of were not taken to specifically identify abandoned vehicles. Many were taken in low light due to smoky conditions and/or darkness at night. Cellular phones can record time, geolocation, and other information associated with photos and videos. However, many of the photos and videos did not have that data.

Documenting abandoned vehicles was not a priority of responders during or immediately after the fire. Clearing roadways was a priority, so vehicles were quickly moved either by being pushed aside with heavy equipment or by towing. As a result, photos and videos taken by firefighters as they moved around the fire area were the most useful in identifying abandoned vehicles.

In addition to the issue of low lighting in many of the photos, the vehicles and their surroundings changed during the course of the fire. Many of the vehicles were burned, so color was not a useful identifier. Combustible landmarks changed and signs became unreadable as the fire progressed.

Each vehicle was given an ID number upon initial determination of its approximate location. The longitude and latitude of the vehicle was estimated by locating the vehicle on a computer-based map. Details of each vehicle were documented to avoid double counting, aid the process of locating specific vehicles in pictures with multiple tightly packed vehicles, and to help determine the location of additional photos from different angles by cross referencing the previously assembled list of vehicle details. Video frames with vehicles were captured and used as photos.

The following attributes of each vehicle were included in the documentation: the assigned vehicle ID number, longitude, and latitude. the roadway name, the direction of travel of the roadway, the lane identifier, the direction the vehicle was facing, the type of vehicle, the color of the vehicle if identifiable, and the list of photos the vehicle was in. Table H-1 lists the different values assigned to each attribute. The combination of each attribute using unique two-digit codes allowed a shorthand identifier describing the vehicle. The codes are based on common abbreviations found in the literature. All of the two letter codes are unique to aid in searching or parsing the data. An example without the longitude and latitude or photo numbers is decoded below:

AV164 Skyway NB RS AF SR CR

Abandoned vehicle ID 164. Located on Skyway in the northbound right shoulder. Facing against the flow. Silver compact car.

A list of the documented abandoned vehicles is provided in Table H-2.

Table H-1. Attributes recorded to describe and distinguish abandoned vehicles.

Attribute	Meaning	Values
Vehicle number	Unique ID number for analysis	Sequential "AV####"
Roadway name	Name of the road where the vehicle was located	Road name
Roadway direction	Direction of travel of the lane the vehicle was in	Intermediate cardinal directions NB — northbound NE — northeast EB — eastbound SE — southeast SB — southbound SW — southwest WB — westbound NW — northwest
Lane	Lane identifier the vehicle was in. Lane numbers start from the center and increase as needed.	LS — left shoulder L1 — left turn lane 1 M1 — main lane 1 R1 — right turn lane 1 RS — right shoulder OR — off road H1 — HOV lane 1 F1 — frontage lane 1
Vehicle direction	Direction the vehicle was facing	WF — with flow AF — against flow XF — across flow UD — unknown direction
Type	Type of vehicle	BU — bus CN — construction CR — compact car FD — fire apparatus FM — farm equipment vehicle OV — off-road vehicle PD — police vehicle PU — pickup RV — recreational vehicle (RV) SU — sport utility vehicle (SUV) TK — truck TL — trailer TT — tractor-trailer UK — unknown VA — van
Color	Color of vehicle	BK — black BL — blue BN — brown BR — burned GD — gold GN — green GY — gray OG — orange OT — other PU — purple RD — red SR — silver TN — tan UC — unknown color WH — white YE — yellow
Photo number	Record of which photos the specific vehicle was captured in	Unique photo identifier as needed

Table H-2. List of documented locations of vehicles abandoned in or along roadways.

ID	Street	Direction	Lane	Flow	Color	Type	Burned?	Latitude	Longitude
AV001	Pearson Rd	EB	OR	AF	UC	PU	Y	39.748526	-121.584108
AV002	Pearson Rd	WB	M1	WF	UC	CR	Y	39.748635	-121.583674
AV003	S Park Dr	NB	RS	AF	UC	PU	Y	39.805138	-121.598782
AV004	Pearson Rd	EB	RS	AF	UC	CR	Y	39.748578	-121.580720
AV005	Pearson Rd	EB	OR	XF	UC	PU	Y	39.748574	-121.579486
AV006	Pearson Rd	EB	OR	AF	UC	SU	Y	39.748858	-121.578707
AV007	Pearson Rd	EB	RS	WF	UC	CR	Y	39.750682	-121.576451
AV008	Pearson Rd	EB	RS	WF	UC	CR	Y	39.750683	-121.576365
AV009	Pearson Rd	WB	RS	WF	BK	PD		39.750726	-121.576238
AV010	Pearson Rd	WB	RS	WF	BK	CR		39.752333	-121.594883
AV011	Clark Rd	SB	RS	WF	WH	CR		39.751782	-121.607910
AV012	Bille Rd	EB	RS	WF	SR	CR		39.770307	-121.615957
AV013	Bille Rd	EB	RS	WF	BK	SU		39.770309	-121.615833
AV014	Skyway	NB	RS	AF	WH	PU	Y	39.768843	-121.612632
AV015	Camelot Ln	WB	OR	XF	UC	CR	Y	39.785740	-121.505788
AV016	Skyway	SB	M1	WF	WH	CR		39.786073	-121.596508
AV017	Skyway	SB	M1	WF	SR	PU		39.786264	-121.596212
AV018	Skyway	SB	M1	WF	WH	PU		39.786350	-121.596077
AV019	Skyway	SB	M1	WF	GY	TL		39.786378	-121.596032
AV020	Skyway	SB	M1	WF	WH	PU		39.786477	-121.595879
AV021	Skyway	SB	RS	WF	WH	VA		39.787037	-121.595062
AV022	Skyway	SB	RS	WF	UC	PU	Y	39.786581	-121.595803
AV023	Bille Rd	EB	M1	AF	SR	SU		39.769238	-121.582585
AV024	Bille Rd	EB	M1	XF	UC	CR	Y	39.769248	-121.582658
AV025	Bille Rd	EB	M1	XF	UC	VA	Y	39.769259	-121.582693
AV026	Bille Rd	EB	M1	XF	UC	PU	Y	39.769270	-121.582729
AV027	Bille Rd	EB	M1	XF	UC	CR	Y	39.769274	-121.582773
AV028	Bille Rd	EB	RS	AF	UC	TK	Y	39.769285	-121.582854
AV029	Bille Rd	EB	RS	AF	UC	PU	Y	39.769309	-121.582978
AV030	Bille Rd	EB	RS	AF	UC	CR	Y	39.769375	-121.583134
AV031	Bille Rd	EB	OR	AF	UC	PU	Y	39.769435	-121.583334
AV032	Bille Rd	WB	RS	WF	BK	PU		39.769406	-121.582958
AV033	Bille Rd	WB	RS	WF	SR	SU		39.769466	-121.583173
AV034	Bille Rd	EB	RS	AF	UC	CR	Y	39.769568	-121.583544
AV035	Pearson Rd	WB	OR	WF	WH	VA		39.752167	-121.594225
AV036	Pearson Rd	EB	RS	AF	BK	SU		39.752211	-121.596365
AV037	Pearson Rd	EB	OR	AF	GY	PU		39.752193	-121.603579
AV038	Pearson Rd	WB	RS	WF	UC	CR	Y	39.748645	-121.585978
AV039	Pearson Rd	EB	M1	AF	GY	CR		39.748588	-121.585607
AV040	Pearson Rd	WB	RS	WF	UC	PU	Y	39.748646	-121.585039
AV041	Pearson Rd	EB	M1	AF	UC	PU	Y	39.748592	-121.585022
AV042	Pearson Rd	EB	M1	AF	UC	PU	Y	39.748597	-121.584945

ID	Street	Direction	Lane	Flow	Color	Type	Burned?	Latitude	Longitude
AV043	Pearson Rd	EB	RS	AF	UC	SU	Y	39.748557	-121.585075
AV044	Pearson Rd	EB	RS	AF	UC	PU	Y	39.748562	-121.584973
AV045	Pearson Rd	EB	RS	AF	UC	SU	Y	39.748564	-121.584893
AV046	Pearson Rd	EB	OR	XF	UC	SU	Y	39.748552	-121.584651
AV047	Pearson Rd	EB	RS	AF	UC	CR	Y	39.748565	-121.584567
AV048	Pearson Rd	EB	RS	AF	UC	CR	Y	39.748556	-121.586628
AV049	Pearson Rd	EB	RS	AF	GY	SU		39.748549	-121.587170
AV050	Pearson Rd	WB	M1	WF	GD	CR		39.748614	-121.587252
AV051	Pearson Rd	WB	RS	WF	UC	TL	Y	39.748621	-121.587402
AV052	Pearson Rd	WB	RS	WF	UC	PU	Y	39.748622	-121.587473
AV053	Pearson Rd	EB	RS	AF	BK	SU		39.748546	-121.586870
AV054	Pearson Rd	EB	OR	XF	GY	SU		39.748503	-121.583989
AV055	Pearson Rd	EB	RS	AF	UC	PU	Y	39.748549	-121.583825
AV056	Pearson Rd	EB	RS	AF	UC	SU	Y	39.748567	-121.583427
AV057	Pearson Rd	EB	RS	AF	UC	SU	Y	39.748571	-121.583370
AV058	Pearson Rd	EB	RS	AF	UC	PU	Y	39.748571	-121.583146
AV059	Pearson Rd	EB	OR	XF	SR	SU		39.748545	-121.582964
AV060	Pearson Rd	EB	OR	XF	RD	PU		39.748546	-121.582771
AV061	Pearson Rd	EB	RS	AF	UC	PU	Y	39.748572	-121.582292
AV062	Pearson Rd	EB	RS	AF	UC	VA	Y	39.748579	-121.582172
AV063	Pearson Rd	EB	RS	AF	SR	SU	Y	39.748584	-121.582058
AV064	Skyway	NB	RS	AF	UC	VA	Y	39.775434	-121.608992
AV065	Skyway	SB	RS	WF	SR	PU		39.776344	-121.607948
AV066	Skyway	SB	RS	WF	RD	TK		39.776808	-121.607293
AV067	Skyway	NB	M1	AF	SR	SU		39.783569	-121.599970
AV068	Skyway	SB	RS	WF	UC	CR	Y	39.783440	-121.600260
AV069	Skyway	NB	M1	AF	SR	SU	Y	39.783426	-121.600154
AV070	Skyway	NB	M1	AF	GY	SU		39.783467	-121.600107
AV071	Skyway	NB	M1	AF	WH	PU		39.783530	-121.600024
AV072	Skyway	NB	M1	AF	WH	TT		39.783758	-121.599721
AV073	Skyway	NB	M1	AF	WH	SU		39.783916	-121.599488
AV074	Skyway	NB	RS	AF	BK	SU		39.783967	-121.599392
AV075	Skyway	SB	RS	WF	SR	SU	Y	39.783585	-121.600053
AV076	Skyway	SB	RS	WF	BK	CR	Y	39.783635	-121.599984
AV077	Skyway	SB	RS	WF	YE	BU	Y	39.783706	-121.599933
AV078	Skyway	SB	RS	WF	SR	SU		39.783898	-121.599644
AV079	Skyway	SB	OR	XF	BK	CR		39.784127	-121.599390
AV080	Skyway	SB	RS	WF	BK	CR		39.784147	-121.599325
AV081	Skyway	SB	OR	WF	SR	PU		39.784168	-121.599356
AV082	Skyway	SB	OR	XF	WH	VA		39.784203	-121.599304
AV083	Skyway	SB	M1	WF	BL	CR		39.784147	-121.599274
AV084	Skyway	SB	RS	WF	BK	SU		39.784186	-121.599254
AV085	Skyway	SB	RS	WF	SR	CR		39.784277	-121.599147

ID	Street	Direction	Lane	Flow	Color	Type	Burned?	Latitude	Longitude
AV087	Skyway	SB	OR	WF	BK	CR		39.784760	-121.598590
AV088	Skyway	NB	M1	AF	UC	SU	Y	39.782924	-121.600811
AV089	Skyway	NB	M1	AF	BL	CR		39.782665	-121.601159
AV090	Skyway	NB	M1	AF	BK	PU		39.782632	-121.601205
AV091	Skyway	NB	OR	AF	UC	CR	Y	39.782368	-121.601481
AV092	Skyway	NB	M1	AF	UC	TL	Y	39.782388	-121.601525
AV093	Skyway	NB	M1	AF	UC	SU	Y	39.782353	-121.601566
AV094	Skyway	NB	RS	AF	WH	SU		39.782301	-121.601641
AV095	Skyway	NB	RS	AF	BK	SU		39.782072	-121.601905
AV096	Skyway	SB	RS	WF	WH	SU		39.781810	-121.602346
AV097	Skyway	SB	RS	WF	SR	PU		39.781727	-121.602433
AV098	Skyway	SB	RS	XF	BK	SU		39.781781	-121.602412
AV099	Skyway	NB	RS	WF	BK	PD		39.781555	-121.602447
AV100	Skyway	NB	OR	XF	SR	SU		39.781503	-121.602440
AV101	Skyway	SB	RS	XF	UC	PU	Y	39.781563	-121.602607
AV102	Skyway	SB	RS	WF	WH	VA		39.781312	-121.602809
AV103	Skyway	NB	RS	XF	UC	SU	Y	39.780941	-121.603058
AV104	Skyway	SB	RS	WF	WH	CR		39.780665	-121.603412
AV105	Skyway	SB	RS	WF	UC	SU	Y	39.780548	-121.603573
AV106	Skyway	SB	OR	WF	UC	CR	Y	39.780571	-121.603604
AV107	Skyway	NB	M1	AF	SR	PU		39.780380	-121.603611
AV108	Skyway	NB	RS	AF	SR	CR		39.780348	-121.603628
AV109	Skyway	NB	RS	AF	UC	CR	Y	39.780312	-121.603624
AV110	Skyway	SB	RS	WF	UC	CR	Y	39.780306	-121.603759
AV111	Skyway	SB	RS	WF	SR	SU		39.780114	-121.603938
AV112	Skyway	SB	RS	WF	GY	SU		39.780100	-121.603982
AV113	Skyway	SB	OR	WF	GY	SU		39.779959	-121.604158
AV114	Skyway	SB	RS	WF	UC	SU	Y	39.779741	-121.604351
AV115	Skyway	SB	RS	WF	RD	PU		39.779703	-121.604376
AV116	Skyway	SB	RS	WF	WH	CR		39.779665	-121.604392
AV117	Skyway	SB	RS	WF	SR	PU		39.779628	-121.604433
AV118	Skyway	NB	OR	XF	WH	SU		39.779433	-121.604440
AV119	Skyway	NB	RS	AF	BK	CR		39.779423	-121.604495
AV120	Skyway	NB	RS	AF	UC	CR	Y	39.779278	-121.604680
AV121	Bille Rd	WB	M1	WF	WH	CR		39.769648	-121.583523
AV122	Skyway	NB	RS	AF	RD	CR	Y	39.778606	-121.605253
AV123	Skyway	NB	RS	AF	BK	SU		39.779756	-121.604178
AV124	Neal Rd	NB	RS	AF	UC	TK	Y	39.738168	-121.647646
AV125	Skyway	NB	LS	AF	BK	PU	Y	39.724196	-121.692262
AV126	Pentz Rd	SB	RS	AF	UC	CR	Y	39.764414	-121.574646
AV127	Pentz Rd	SB	M1	AF	UC	VA	Y	39.766953	-121.575937
AV129	Pearson Rd	WB	M1	WF	UC	CR	Y	39.749529	-121.578164
AV130	Pearson Rd	WB	M1	WF	UC	PU	Y	39.749479	-121.578186

ID	Street	Direction	Lane	Flow	Color	Type	Burned?	Latitude	Longitude
AV131	Pearson Rd	WB	M1	WF	UC	CR	Y	39.749430	-121.578214
AV132	Skyway	SB	RS	WF	UC	PU	Y	39.789036	-121.592435
AV133	Skyway	SB	RS	WF	UC	CR	Y	39.788896	-121.592592
AV134	Skyway	SB	RS	WF	UC	CR	Y	39.788841	-121.592655
AV135	Skyway	SB	RS	WF	UC	CR	Y	39.788794	-121.592708
AV136	Skyway	SB	RS	WF	UC	SU	Y	39.788743	-121.592775
AV137	Skyway	SB	RS	WF	UC	VA	Y	39.788678	-121.592843
AV138	Montna Dr	WB	RS	WF	UC	SU	Y	39.781283	-121.603061
AV139	Clark Rd	NB	OR	AF	WH	PU		39.714595	-121.611219
AV140	Clark Rd	NB	OR	AF	TN	CR		39.714552	-121.611219
AV141	Pentz Rd	SB	RS	AF	UC	PU	Y	39.767182	-121.576146
AV142	Pentz Rd	SB	RS	AF	UC	SU	Y	39.767230	-121.576198
AV143	Pearson Rd	EB	RS	WF	UC	CR	Y	39.750408	-121.575871
AV144	Pearson Rd	WB	RS	WF	GN	SU		39.752267	-121.617461
AV145	Clark Rd	SB	RS	WF	SR	CR		39.751947	-121.607916
AV146	Clark Rd	SB	RS	WF	BK	CR		39.751995	-121.607916
AV147	Pentz Rd	SB	RS	WF	SR	CR		39.746894	-121.572426
AV148	Skyway	SB	RS	WF	UC	CR	Y	39.788622	-121.592908
AV149	Skyway	SB	RS	WF	UC	TL	Y	39.788574	-121.592999
AV150	Skyway	SB	RS	WF	WH	PU		39.788542	-121.593036
AV151	Skyway	SB	RS	WF	BK	CR		39.788488	-121.593045
AV152	Skyway	SB	RS	WF	UC	CR	Y	39.788460	-121.593096
AV153	Skyway	SB	RS	WF	UC	CR	Y	39.788348	-121.593210
AV154	Skyway	SB	RS	WF	SR	VA		39.788259	-121.593310
AV155	Skyway	NB	RS	AF	UC	PU	Y	39.787976	-121.593520
AV156	Skyway	SB	M1	WF	UC	PU	Y	39.787904	-121.593686
AV157	Sawmill Rd	NB	RS	WF	UC	CR	Y	39.748474	-121.588952
AV158	Skyway	NB	M1	AF	WH	CR	Y	39.778926	-121.605032
AV159	Skyway	NB	OR	AF	SR	CR		39.778549	-121.605236
AV160	Skyway	SB	RS	WF	UC	CR	Y	39.789093	-121.592379
AV161	Pearson Rd	EB	RS	WF	BL	CR		39.747758	-121.574052
AV162	Skyway	NB	OR	XF	UC	PU	Y	39.781977	-121.601910
AV163	Skyway	NB	OR	XF	UC	CR	Y	39.781958	-121.601859
AV164	Skyway	NB	RS	AF	SR	CR		39.782793	-121.600931
AV165	Neal Rd	SB	RS	WF	UC	CR	Y	39.739584	-121.646003
AV166	Skyway	SB	L1	WF	BL	TT		39.800487	-121.580811
AV170	Bille Rd	EB	L1	WF	RD	PU		39.770397	-121.612591
AV171	Bille Rd	EB	L1	WF	WH	TL		39.770398	-121.612659
AV172	Bille Rd	EB	M1	WF	GD	CR		39.770363	-121.613284
AV173	Bille Rd	EB	M1	W	GY	PU		39.770364	-121.613366
AV174	Bille Rd	EB	M1	WF	SR	PU		39.770362	-121.613450
AV175	Bille Rd	EB	M1	WF	BK	PU		39.770359	-121.613668
AV176	Bille Rd	EB	M1	WF	GY	SU		39.770355	-121.613788

ID	Street	Direction	Lane	Flow	Color	Type	Burned?	Latitude	Longitude
AV177	Bille Rd	EB	M1	WF	WH	PU		39.770348	-121.613998
AV178	Bille Rd	EB	RS	WF	WH	CR		39.770299	-121.614790
AV179	Bille Rd	EB	RS	WF	GY	PU	Y	39.770315	-121.614875
AV180	Bille Rd	EB	RS	UD	UC	UK	Y	39.770361	-121.617229
AV181	Bille Rd	EB	RS	WF	WH	SU		39.770323	-121.613451
AV182	Skyway	SB	M1	WF	RD	SU		39.800888	-121.579823
AV183	Neal Rd	SB	RS	AF	UC	CR	Y	39.745544	-121.638243
AV184	Neal Rd	SB	OR	XF	UC	CR	Y	39.741317	-121.643820
AV185	Neal Rd	SB	OR	XF	BK	CR		39.739975	-121.645526
AV186	Neal Rd	NB	OR	XF	WH	CR		39.738392	-121.647349
AV187	Neal Rd	SB	RS	WF	UC	SU	Y	39.738313	-121.647627
AV188	Neal Rd	SB	RS	WF	UC	UK	Y	39.738210	-121.647747
AV189	Neal Rd	NB	RS	AF	UC	UK	Y	39.737545	-121.648293
AV190	Neal Rd	SB	RS	WF	UC	CR	Y	39.737488	-121.648476
AV191	Neal Rd	SB	OR	XF	RD	CR		39.737455	-121.648549
AV192	Roe Rd	WB	RS	WF	UC	UK	Y	39.737074	-121.647151
AV193	Roe Rd	WB	OR	XF	RD	SU		39.737148	-121.646698
AV194	Roe Rd	WB	RS	WF	UC	UK	Y	39.737357	-121.645982
AV195	Roe Rd	EB	RS	AF	BK	CR		39.737269	-121.644918
AV196	Roe Rd	EB	RS	AF	UC	PU	Y	39.737265	-121.644313
AV197	Roe Rd	EB	OR	XF	UC	CR	Y	39.738389	-121.640998
AV198	Clark Rd	SB	RS	WF	UC	UK	Y	39.790972	-121.585539
AV199	Clark Rd	NB	OR	XF	UC	PU	Y	39.787378	-121.585906
AV167	Elliott Rd	EB	RS	XF	UC	UK	Y	39.759431	-121.606146
AV168	Clark Rd	NB	OR	AF	WH	CR		39.758518	-121.606680
AV200	Sawmill Rd	NB	RS	UD	UC	UK	Y	39.755188	-121.588953
AV201	Sawmill Rd	NB	RS	UD	UC	UK	Y	39.755121	-121.588949
AV202	Sawmill Rd	SB	RS	AF	UC	PU	Y	39.769639	-121.589042
AV203	Sawmill Rd	NB	RS	UD	UC	UK	Y	39.770350	-121.588921
AV204	Bille Rd	WB	RS	WF	UC	UK	Y	39.769865	-121.583815
AV205	Bille Rd	WB	RS	WF	UC	UK	Y	39.769909	-121.583879
AV206	Bille Rd	WB	RS	WF	UC	UK	Y	39.770053	-121.584079
AV207	Bille Rd	WB	RS	WF	UC	UK	Y	39.770107	-121.584160
AV208	Bille Rd	EB	M1	UD	UC	UK	Y	39.770293	-121.584514
AV209	Bille Rd	WB	RS	WF	UC	UK	Y	39.770500	-121.585664
AV210	Bille Rd	WB	RS	WF	UC	UK	Y	39.770493	-121.586778
AV211	Pentz Rd	SB	RS	UD	UC	UK	Y	39.774480	-121.579690
AV212	Pentz Rd	SB	OR	UD	UC	UK	Y	39.774254	-121.579699
AV213	Pentz Rd	SB	OR	UD	UC	UK	Y	39.773227	-121.579718
AV214	Pentz Rd	NB	RS	WF	UC	UK	Y	39.768397	-121.577756
AV215	Pentz Rd	SB	OR	AF	WH	CR		39.766251	-121.575544
AV216	Pentz Rd	SB	OR	XF	UC	PU	Y	39.765520	-121.575264
AV218	Pentz Rd	SB	OR	AF	BL	SU		39.764536	-121.574699

ID	Street	Direction	Lane	Flow	Color	Type	Burned?	Latitude	Longitude
AV219	Pentz Rd	NB	RS	UD	UC	UK	Y	39.763931	-121.574506
AV220	Pentz Rd	SB	RS	UD	UC	UK	Y	39.763172	-121.574506
AV221	Pearson Rd	WB	RS	WF	UC	UK	Y	39.748957	-121.578729
AV222	Pearson Rd	WB	M1	WF	UC	UK	Y	39.748659	-121.579752
AV223	Pearson Rd	EB	RS	AF	UC	UK	Y	39.748585	-121.579779
AV225	Nunneley Rd	EB	RS	UD	UC	UK	Y	39.755894	-121.599564
AV226	Nunneley Rd	WB	RS	UD	UC	UK	Y	39.755967	-121.599731
AV227	Edgewood Ln	NB	LS	WF	UC	CR	Y	39.729437	-121.584390
AV228	Edgewood Ln	NB	LS	WF	UC	PU	Y	39.729399	-121.584378
AV229	Edgewood Ln	NB	M1	WF	UC	PU	Y	39.729353	-121.584352
AV230	Edgewood Ln	NB	RS	AF	UC	SU	Y	39.729117	-121.584347
AV237	Wagstaff Rd	WB	M1	WF	UC	TL		39.777769	-121.579612
AV169	Skyway	SB	OR	XF	UC	CR	Y	39.783788	-121.600000
AV217	Pentz Rd	SB	OR	XF	UC	TL	Y	39.765522	-121.575172
AV224	Pearson Rd	WB	RS	WF	UC	UK	Y	39.748732	-121.579299
AV231	S Park Dr	EB	RS	WF	UC	PU	Y	39.800043	-121.603662
AV233	S Park Dr	SB	RS	UD	UC	UK	Y	39.805492	-121.598136
AV232	Oliver Rd	NB	OR	AF	UC	PU		39.765468	-121.626264
AV234	Andover Dr	NB	RS	WF	UC	SU	Y	39.805831	-121.594748
AV235	Andover Dr	NB	RS	UD	UC	UK	Y	39.807870	-121.593369
AV236	Andover Dr	SB	RS	WF	UC	PU	Y	39.809880	-121.592535

Appendix I. Temporary Refuge Area (TRA) Data

Descriptions for each the 31 TRAs presented in Sec. 9 of the main report are included in this appendix. Fig. I-1 through Fig. I-5 show maps detailing the locations of burnovers and TRAs.

The data summary for each TRA contains information such as the date, time, and location; the formation urgency and peak hazard level; the type of location and a brief site description. The range of the number of civilians and/or civilian vehicles present at each TRA was determined based on information compiled from the technical discussions and NETTRA database. The number of civilians is presented only if a head count of people without vehicles was known. Otherwise, the estimated range of the number of vehicles is presented.

Following a brief synopsis of events at each TRA is a tabulated summarized timeline. Additional information about the TRA follows, including brief descriptions of nearby roadways, surrounding fuels, and any identified suppression activities that were conducted. Hyperlinks to available online pre- and post-fire imagery are provided in the electronic version of this report. An overview map and post-fire drone or satellite image are also included for each TRA.

Table I-1 lists the information sources and the page number of the detailed summary for each TRA.

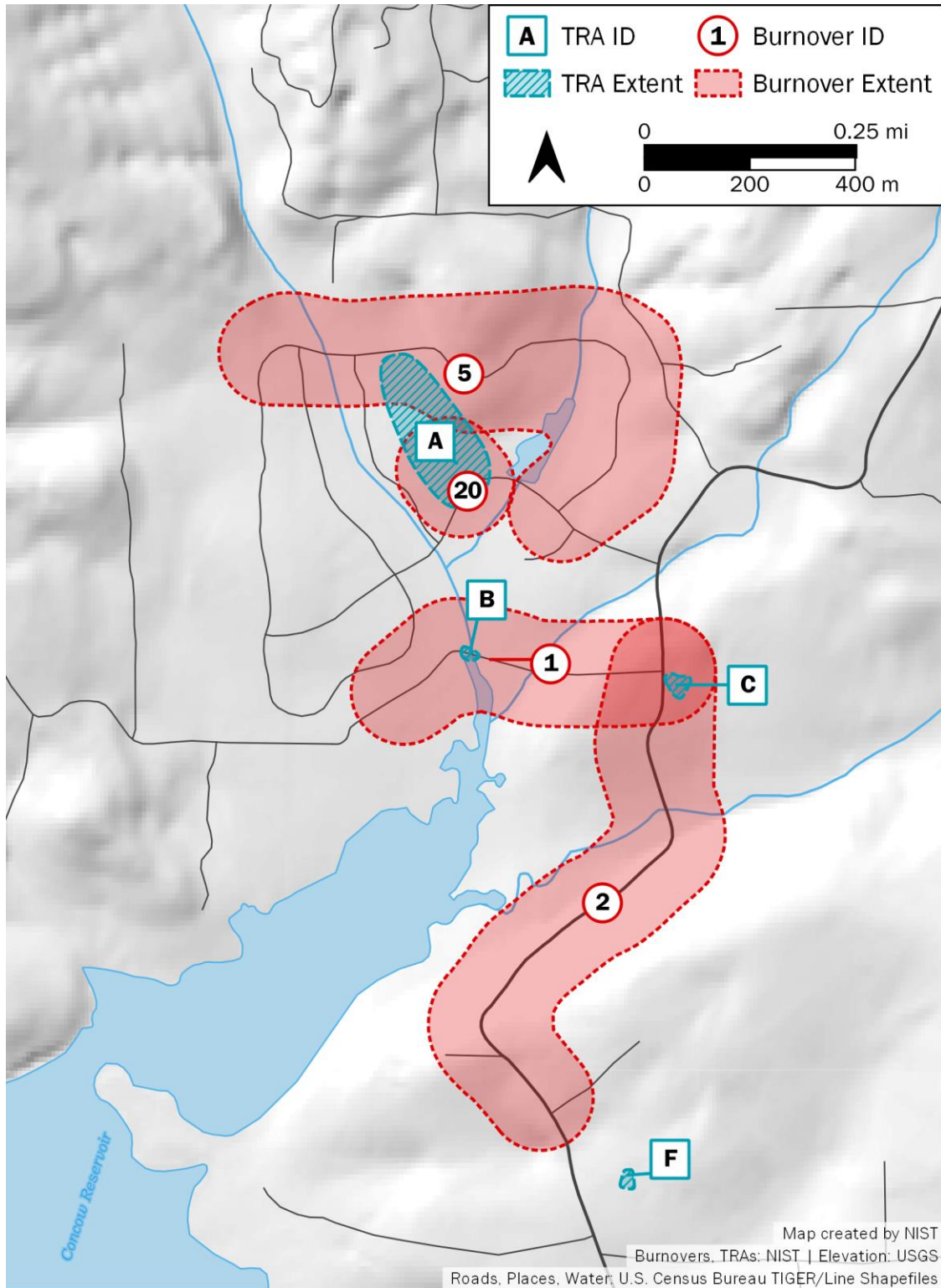


Fig. I-1. Map showing the locations of burnovers and TRAs in Concow.

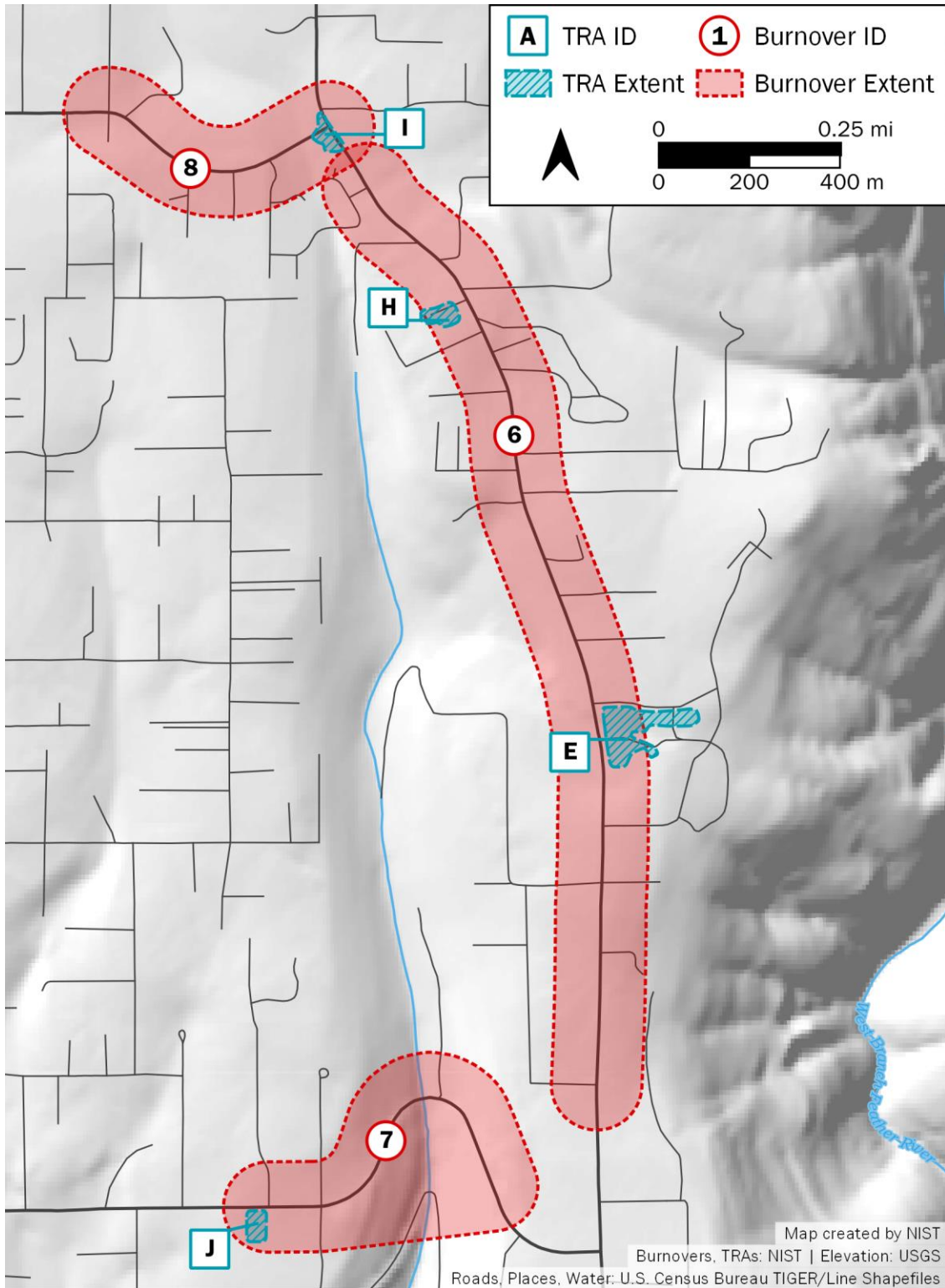


Fig. I-2. Map showing the locations of burnovers and TRAs along the Pentz Rd corridor in southeastern Paradise.

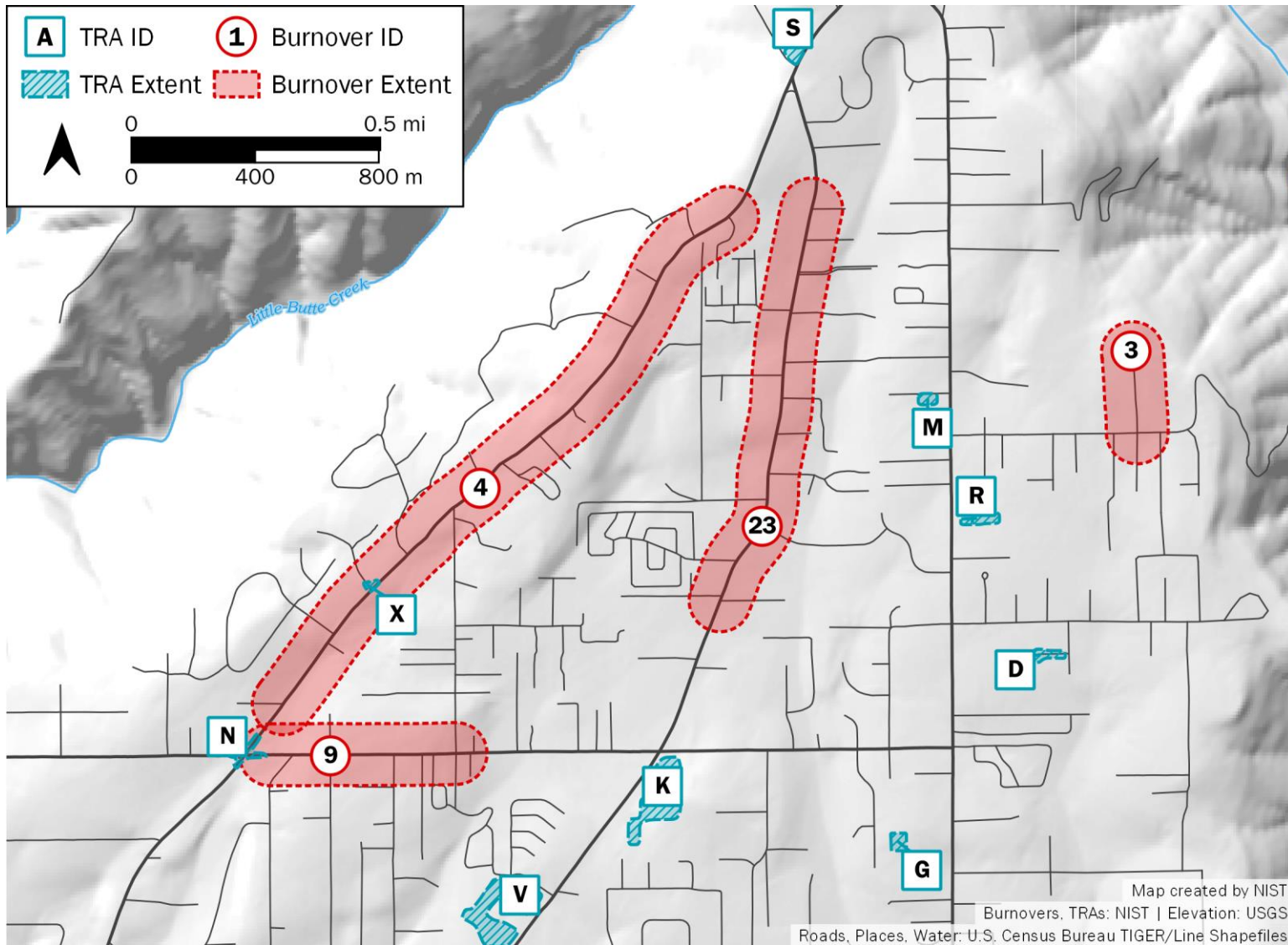


Fig. I-3. Map showing the locations of burnovers and TRAs in the northern half of Paradise.

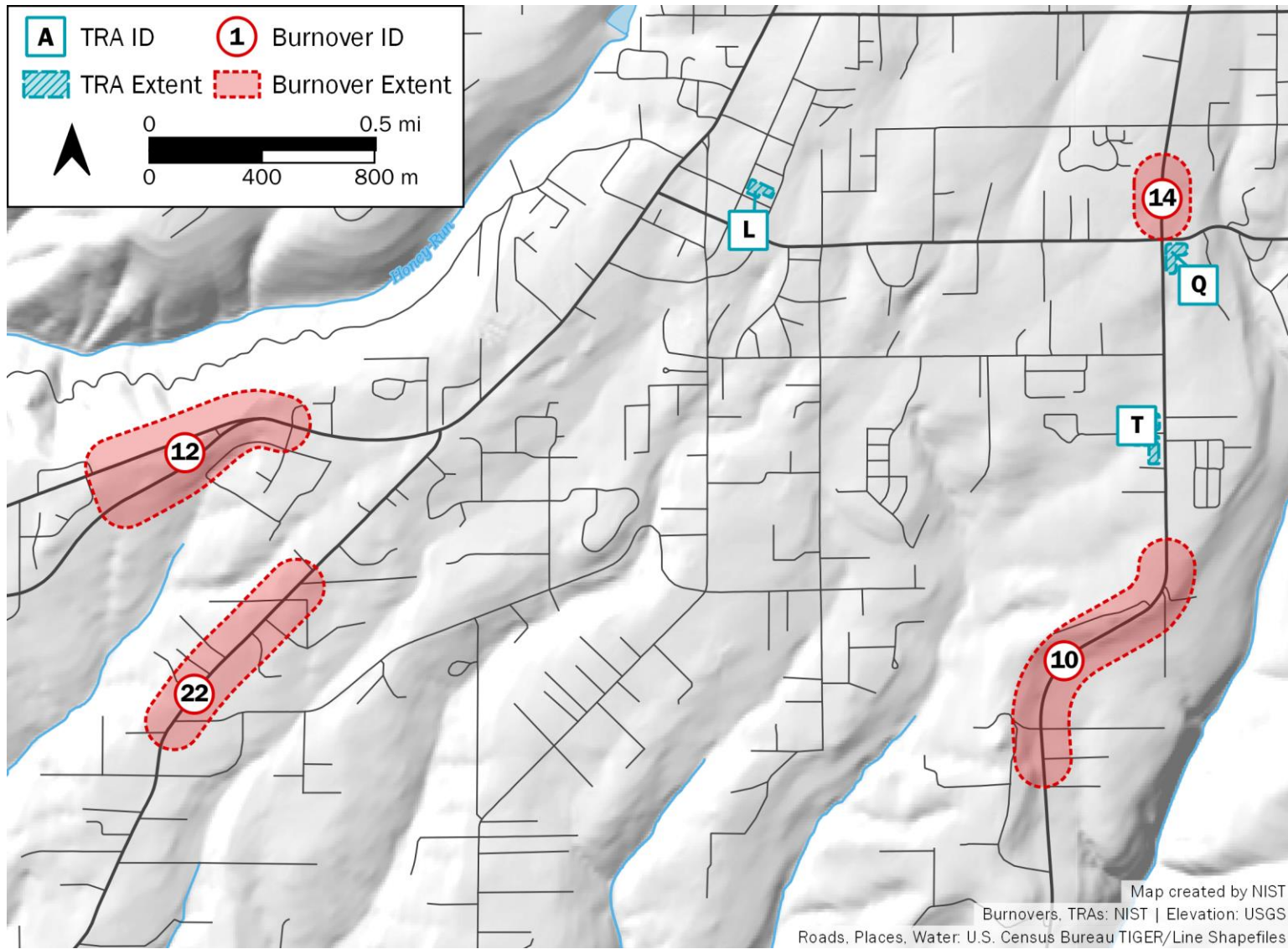


Fig. I-4. Map showing the locations of burnovers and TRAs in southwestern Paradise.

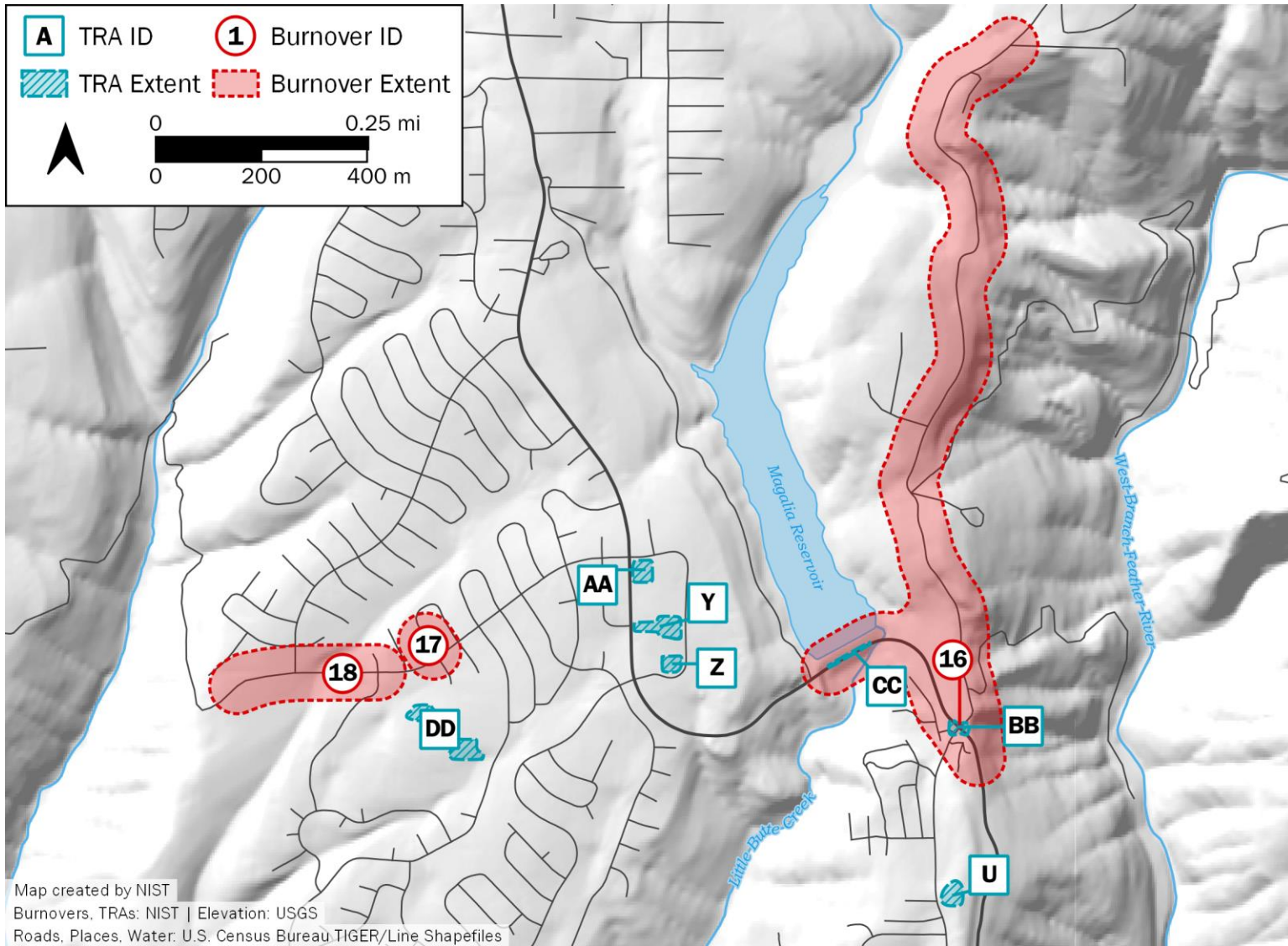


Fig. I-5. Map showing the locations of burnovers and TRAs in Magalia.

Table I-1. List of TRAs, information sources, and Appendix table of contents.

ID	Name	Sources	Page
A	Camelot Meadow Wild Fire Safety Zone	TD-005, TD-008, TD-013, TD-027, TD-028, TD-062, TD-110, VTD-32, 911-006-1, 911-009-1	I-9
B	Hoffman Rd	TD-008, TD-013, TD-027, TD-062, TD-110	I-12
C	Concow Rd “dozer zone”	TD-008, TD-013, TD-027, TD-062, TD-110	I-15
D	Chris Ct	TD-022, TD-045, TD-061, PPD	I-18
E	Feather River Hospital	TD-005, TD-014, TD-020, TD-037, TD-063, TD-069, TD-079, TD-089, TD-090, TD-103, TD-109, TD-111, TD-122, TD-123, TD-209, VTD-17, VTD-23, VTD-32, PPD, 911-064-1, 911-071-1, 911-072-1, 911-084-1, 911-085-1, 911-086-3, 911-1047-1, 911-131-1, 911-134-1, 911-137-1	I-21
F	Concow Rd “gravel area”	TD-115, 911-237-1	I-25
G	Ponderosa Elementary School	911-216-1	I-28
H	Chloe Ct	TD-015, TD-060, TD-083, TD-111, 911-221-2, 911-230-5, 911-232-1	I-31
I	Bille Rd	TD-015, TD-021, TD-038, TD-040, TD-060, TD-069, TD-079, TD-089, TD-116, TD-129, VTD-32, PPD	I-34
J	Pearson Rd	TD-034, TD-036, TD-037, TD-063, TD-068, TD-087, TD-100, TD-111, TD-122, TD-123, TD-129, TD-300, VTD-16, VTD-17, VTD-23, VTD-24, VTD-25, VTD-32, PPD	I-37
K	Paradise Plaza	TD-009, TD-014, TD-015, TD-017, TD-021, TD-030, TD-038, TD-041, TD-042, TD-043, TD-047, TD-049, TD-052, TD-053, TD-056, TD-057, TD-058, TD-059, TD-063, TD-064, TD-065, TD-067, TD-069, TD-075, TD-085, TD-111, TD-114, TD-127, TD-141, VTD-08, VTD-18, PPD	I-41
L	PPD/Fire Station 81	TD-021, TD-042, TD-064, TD-066, TD-069, TD-071, TD-073, TD-076, TD-078, TD-118, PPD	I-45
M	Paradise Ridge Southern Baptist Church	TD-079, TD-083, TD-084, TD-085, TD-089	I-48
N	Wagstaff Rd	TD-042, TD-111, TD-112, TD-127, TD-205, VTD-10, VTD-13, VTD-26	I-51
O	Fire Station 82	TD-014, TD-020, TD-112, TD-123, TD-124, TD-130	I-54
P	Walgreens	TD-014, TD-015, TD-022, TD-030, TD-055, TD-065, TD-105, TD-116, TD-118, TD-127, PPD	I-57
Q	Ace Hardware	TD-020, TD-034, TD-035, TD-100, TD-101, TD-112, TD-123, TD-130, TD-132, TD-133, TD-135, TD-141, TD-142, TD-209, TD-211, PPD	I-60
R	Beyond Fitness	TD-009, TD-015	I-63

ID	Name	Sources	Page
S	Optimo	TD-015, TD-022, TD-041, TD-049, TD-056, TD-061, TD-067, TD-074, TD-075, TD-108, TD-111, TD-126, TD-127, TD-128, TD-200, TD-201, TD-203, TD-207, VTD-12, VTD-13, VTD-32, PPD, 911-141-1, 911-141-2, 911-152-1, 911-153-1, 911-155-1, 911-164-1	I-66
T	Best Western	TD-034, TD-100, TD-101, TD-208, TD-210, TD-211	I-70
U	Magalia Community Church	TD-009, TD-043, TD-060, TD-061, TD-079, TD-087, TD-125, TD-126	I-73
V	CMA Church	TD-017, TD-065, TD-111, TD-127, TD-205, PPD	I-76
W	Paradise Shopping Center	TD-011, TD-036, TD-065, TD-066, TD-069, TD-071, TD-076, TD-108, TD-118, PPD	I-79
X	Firland Dr	TD-203, TD-205, TD-206, TD-207	I-82
Y	Magalia Pines Baptist Church	TD-079, TD-109, TD-122, TD-123, TD-124, VTD-08	I-85
Z	Magalia Sav-Mor	TD-059, TD-114	I-88
AA	Rite Aid	TD-009, TD-014, TD-041, TD-045, TD-060, TD-061, TD-084, TD-087, TD-123, TD-127, TD-128, TD-200, TD-203, TD-205, TD-207, VTD-31, VTD-32	I-91
BB	Skyway and Coutolenc Rd	TD-045, TD-061, TD-115, TD-125, TD-126	I-94
CC	Magalia Dam	TD-061, TD-125, TD-126, TD-127	I-97
DD	Pine Ridge School	TD-127, TD-128, TD-200, TD-202, TD-203, TD-205, TD-207	I-100
EE	Concow Rd and Pinkston Canyon Rd	AVL, TD-062, TD-115, TD-136, TD-137, TD-138, TD-139, TD-140	I-103

A. Camelot Meadow Wild Fire Safety Zone

Date/Time: November 8, 07:55–10:00
Location: Camelot Ln, Concow
Coordinates: [39.787323, -121.510023]
Formation Urgency: High !!!
Hazard Level: High ▲▲▲
TRA Type: Natural (Maintained)
Approx. Area of TRA: 3.37 ha (8.33 ac)
Site Description: Pre-designated Fire Safety Zone in the Camelot neighborhood meadow. Approximately 3.3 ha (8 ac) field surrounded by trees and shrubs.

Occupants: Civilians and First Responders
Civilian Headcount: 70 to 85
Civilian Vehicle Count: 24 to 30

Related Burnover(s): Camelot Ln [*BO #20*] 0 m to 250 m (0 mi to 0.15 mi)
Hoffman Rd [*BO #1*] 500 m to 1000 m (0.3 mi to 0.6 mi)
Concow Rd [*BO #2*] 500 m to 1000 m (0.3 mi to 0.6 mi)
Windermere Ln [*BO #5*] 100 m to 800 m (0.1 mi to 0.5 mi)

Related TRA/ Safety Zone: Hoffman Rd [*TRA-B*]
Concow Rd “dozer zone” [*TRA-C*]

Synopsis: Numerous spot fires ignited in the Concow valley by 07:15. Emergency personnel responded to Concow and began notifying residents of the need to evacuate. Just before 08:00, widespread fire had blocked passage to Concow Rd. Civilians and first responders in the Camelot neighborhood had to wait for the field to burn before taking refuge to wait for the fire to subside and visibility to improve before evacuating. Additional first responders and civilians arrived at the TRA from other areas in Concow. A convoy was escorted out of the fire area around 10:00.

Time	Observation	Source
07:00–07:15	The fire is rapidly growing and progressing from the origin over the ridge and west into Concow. Spot fires are being reported in Concow.	TD-005 TD-028 911-006-1 911-009-1
07:22	The IC requests evacuations of Concow.	VTD-32
07:37	IC advises ECC to notify BCSO of an evacuation order for Concow. All responding law enforcement units are directed to Concow to assist with evacuations.	VTD-32

Time	Observation	Source
07:55	Law enforcement reports that they may not be able to escape out of Camelot. The pre-designated Camelot Meadow Wild Fire Safety Zone is the only option. After the grass burns, they plan to park all the civilians in the field.	VTD-32
08:00	The field has burned, and 10 civilian vehicles have gathered in the safety zone.	VTD-32
08:07	The head count is roughly 40 civilians with BCSO in the Camelot Meadow.	TD-008
08:17	There are now 15 or 16 vehicles waiting for CAL FIRE in the Camelot Meadow. Visibility is only about 90 m (100 yd), and it is unclear what is burning beyond that.	VTD-32
08:31	Engines are finally able to access beyond Hoffman Rd. Most structures in Camelot are already burning and vehicles are taking refuge in the safety zone.	TD-008 TD-062 TD-110
08:55	Civilians from the Hoffman Rd entrapment and TRA (<i>BO #1</i> , <i>TRA-B</i>) arrive at the meadow. The total head count is now roughly 70.	TD-013 TD-027 TD-062 TD-110
09:00–10:00	Civilians wait to evacuate from the safety zone. Additional rescues and civilians are brought to the meadow. Civilians are escorted out around 10:00.	TD-008 TD-013 TD-027 TD-062

Duration: 2 h 5 min

Pre-planned TRA: Yes – designated Wild Fire Safety Zone community assembly area

Roadway width: 6 m (20 ft) Camelot Ln

Fuels around TRA: Predominately grass meadow surrounded by trees and shrubs (0 m). Burned structure 20 m (65 ft) west, burned structure 60 m (200 ft) northeast.

Suppression activity: None

Related TD: TD-005, TD-008, TD-013, TD-027, TD-028, TD-062, TD-110, VTD-32, 911-006-1, 911-009-1

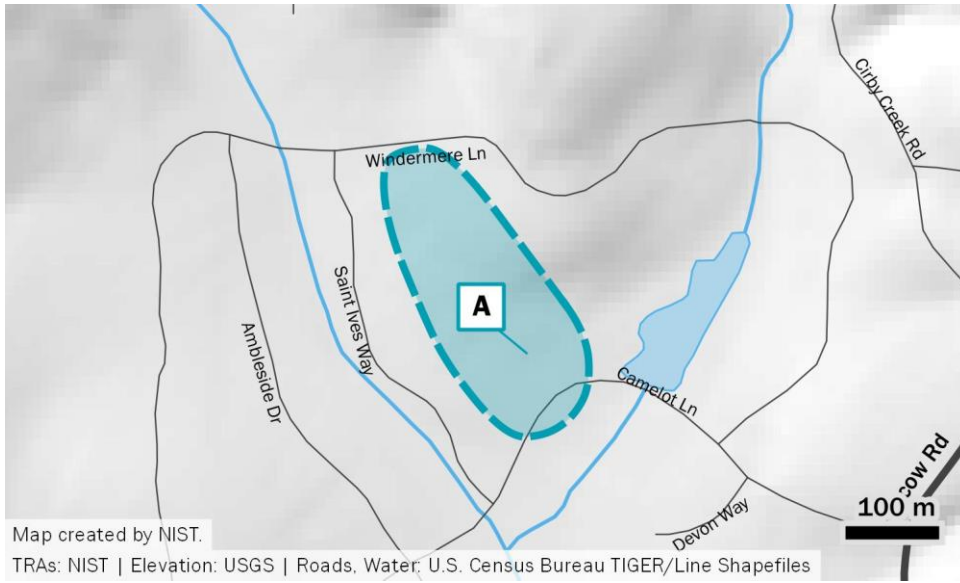
Related streets or keywords: Camelot Ln, Windermere Ln, Concow Rd

Street-level view: Looking north at the meadow from Camelot Ln. A sign reads “Wild Fire Safety Zone Public Assembly Camelot Meadow.”

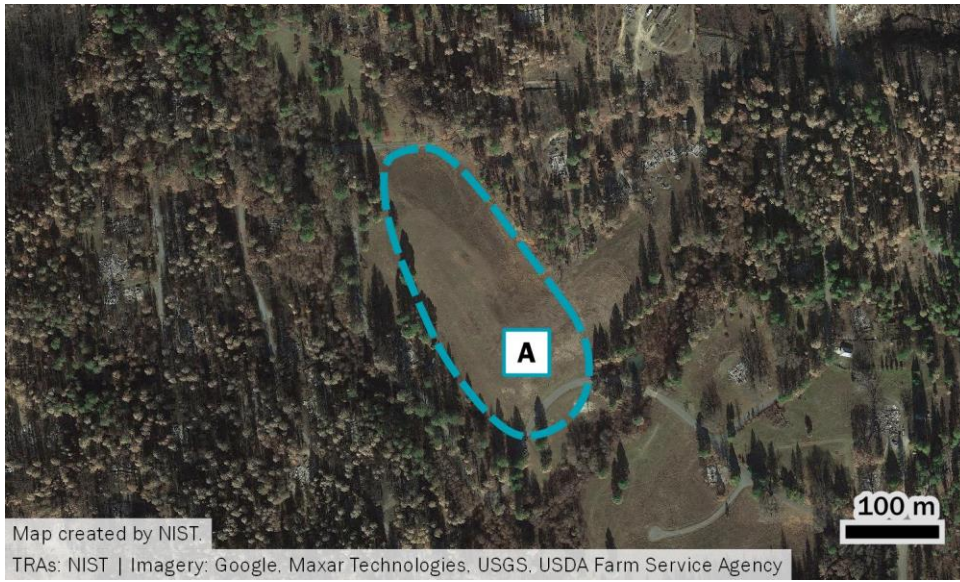
Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: No imagery available.

Street map:



Satellite view:



B. Hoffman Road

Date/Time:	November 8, 08:00–08:23
Location:	Hoffman Rd 350 m (0.2 mi) west of Concow Rd, Concow
Coordinates:	[39.784055, -121.509757]
Formation Urgency:	High !!!
Hazard Level:	High ▲▲▲
TRA Type:	Natural
Approx. Area of TRA:	0.06 ha (0.16 ac)
Site Description:	Narrow road passing through forest and relatively thick understory vegetation. The TRA was primarily situated on a concrete bridge/low-water crossing at Concow Creek where there was also slightly more clearance to vegetation.
Occupants:	Civilians and First Responders
Civilian Headcount:	24
Civilian Vehicle Count:	10 to 15
Related Burnover(s):	Hoffman Rd [<i>BO #1</i>] 0 m to 150 m (0 mi to 0.1 mi)
Related TRA/ Safety Zone:	Concow Rd Dozer Zone [<i>TRA-C</i>] Camelot Wild Fire Safety Zone [<i>TRA-A</i>]

Synopsis: After scouting out the fire on Hoffman Rd at Hog Ranch Rd and notifying residents to evacuate, firefighters escorting a convoy of vehicles encountered intense fire and downed trees east of the low water crossing on Hoffman Rd. Civilians took refuge in the creek and used fire shelters to reduce radiative exposures. A dozer reached the group and escorted them back to Concow Rd (*TRA-C*). Ultimately, this TRA was merged with the Camelot Meadow Wild Fire Safety Zone (*TRA-A*).

Time	Observation	Source
07:40	Firefighters scout for reported spot fires on Hoffman Rd. There is limited observed fire activity on Concow Rd.	TD-013 TD-027
07:50	Firefighters observe multiple spot fires west of Concow and along Hoffman Rd west of Meadow Springs Rd.	TD-013 TD-027
08:00	Firefighters announcing evacuations and scouting out the fire encounter 4 civilians running westbound on Hoffman Rd toward the low water crossing. Their clothing is burned and hair on fire. They advise the road ahead is blocked by fire. Visibility is less than 3 m (10 ft).	TD-013 TD-027
08:00	The firefighters park on the low water crossing heading eastbound toward Concow Rd. A line of 10 to 15 evacuating vehicles following the firefighters is also trapped.	TD-013 TD-027

Time	Observation	Source
08:00–08:17	Two firefighters extract all the civilians (n=24) from their vehicles and take shelter in the creek. Fire shelters are deployed to protect against radiation as the fire burns through dense vegetation. Several homes are also involved, and propane tanks are exploding.	TD-008 TD-013 TD-027
08:17–08:23	A dozer makes access to the trapped group and is able to lead the convoy back to Concow Rd. All civilians are stuffed into 8 vehicles and the burning vehicles are left behind.	TD-008 TD-013 TD-027 TD-062
08:23–08:55	People continue to shelter in the Concow Rd TRA.	TD-013 TD-027 TD-062
08:55	The group is able to access the Camelot Meadow Wild Fire Safety Zone on Camelot Ln.	TD-013 TD-027 TD-062 TD-110

Duration: 0 h 23 min

Pre-planned TRA: No

Roadway width: 5 m (16 ft) Hoffman Rd

Fuels around TRA: Trees and shrubs (0 m).

Suppression activity: None

Related TD: TD-008, TD-013, TD-027, TD-062, TD-110

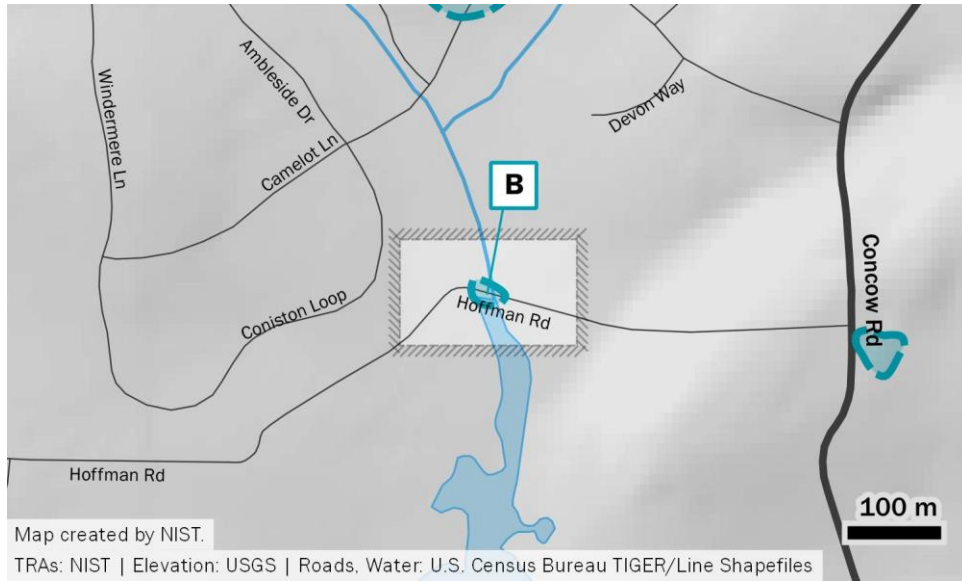
Related streets or keywords: Hoffman Rd, Concow Rd

Street-level view: View of the low-water crossing on Hoffman Rd, looking west.

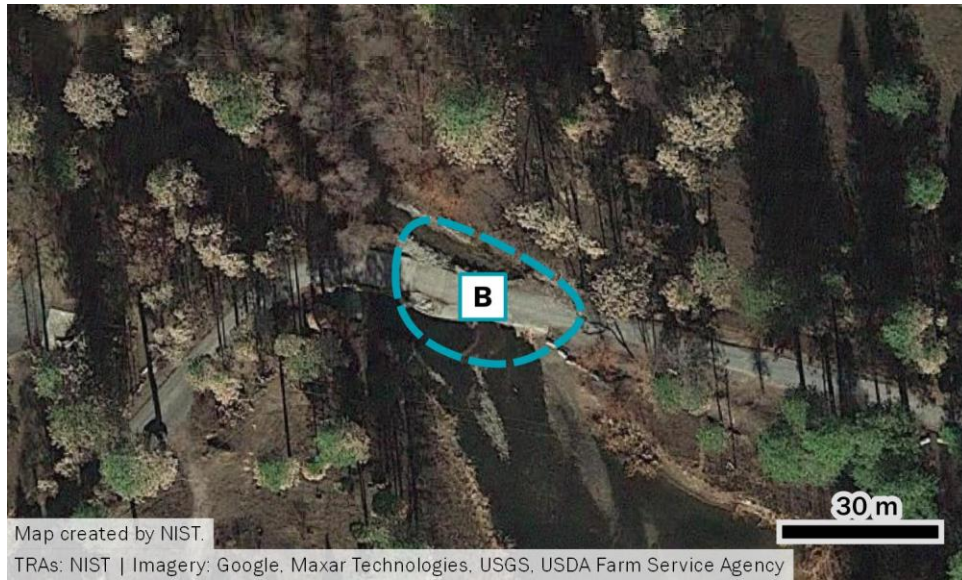
Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



C. Concow Road "dozer zone"

Date/Time: November 8, 08:27–08:47

Location: Concow Rd at Hoffman Rd, Concow

Coordinates: [39.783513, -121.505167]

Formation Urgency: High !!!

Hazard Level: High ▲▲▲

TRA Type: Natural

Approx. Area of TRA: 0.15 ha (0.37 ac)

Site Description: Intersection of Concow Rd and Hoffman Rd. A dozer created a dirt area (approximately 0.12 ha [0.31 ac] with nominal diameter 20 m [60 ft]) on the east side of Concow Rd to clear the 3 m (10 ft) tall brush.

Occupants: Civilians and First Responders

Civilian Headcount: 30 to 45

Civilian Vehicle Count: n/d

Related Burnover(s): Hoffman Rd [*BO #1*] 0 m to 500 m (0 mi to 0.3 mi)
Concow Rd [*BO #2*] 0 m to 500 m (0 mi to 0.3 mi)

Related TRA/ Safety Zone: Hoffman Rd [*TRA-B*]
Camelot Wild Fire Safety Zone [*TRA-A*]

Synopsis: After a dozer rescued a group of people trapped on Hoffman Rd (*TRA-B*), fire conditions along Concow Rd at Hoffman Rd prevented passage to/from Camelot Meadow. The dozer cleared an area of brush on the east side of Concow Rd to provide a buffer for the people trapped in the area. First responders and civilians waited here until Concow Rd was passable to the Camelot Meadow (*TRA-A*).

Time	Observation	Source
08:00	Firefighters announcing evacuations become trapped on Hoffman Rd ~350 m (0.2 mi) west of Concow Rd. Civilians are sheltered in the creek with fire shelters.	TD-008 TD-013 TD-027 TD-062
08:15–08:27	Several engines attempt to access Hoffman Rd but encounter intense fire burning across Hoffman Rd and Concow Rd. A dozer is able to gain access and is able to clear the roadway of vehicles, trees, and debris and lead the people trapped at the Hoffman Rd TRA in the creek (<i>TRA-B</i>) back to Concow Rd.	TD-008 TD-013 TD-027 TD-062 TD-110

Time	Observation	Source
08:27	Fire is burning up against the road and winds are blowing an estimated 13 m/s to 18 m/s (30 mi/h to 40 mi/h), strong enough to blow off firefighter helmets. Embers are catching vehicle seats on fire. First responders and civilians (with vehicles, pets, and livestock) are stuck on Concow Rd, trapped by fire, downed powerlines, and trees. After confirming the power was dead, they cut the lines with bolt cutters. The dozer constructs a TRA by pushing out vegetation on the east side of Concow Rd.	TD-013 TD-062 TD-110
08:31	An engine scouts ahead from Hoffman Rd to test access to the Camelot Meadow Fire Safety Zone. They find that conditions are not safe to move civilians. Other engines and firefighters remain at the intersection of Hoffman Rd and Concow Rd.	TD-062
08:47–08:55	Conditions improve and the group of civilian vehicles is escorted to the Camelot safety zone.	TD-013 TD-062

Duration: 0 h 20 min

Pre-planned TRA: No

Roadway width: 7 m (23 ft) Concow Rd

Fuels around TRA: Shrubs (0 m), burned structure S (60 m).

Suppression activity: None

Related TD: TD-008, TD-013, TD-027, TD-062, TD-110

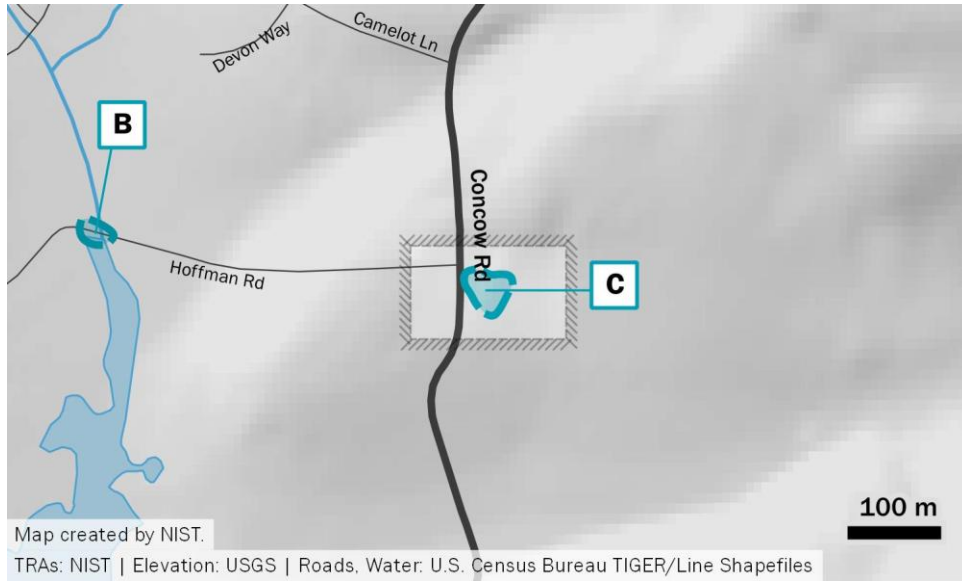
Related streets or keywords: Hoffman Rd, Concow Rd

Street-level view: View of the Concow Rd and Hoffman Rd intersection looking east. The dozer pushed out vegetation on the east side of Concow Rd at this location.

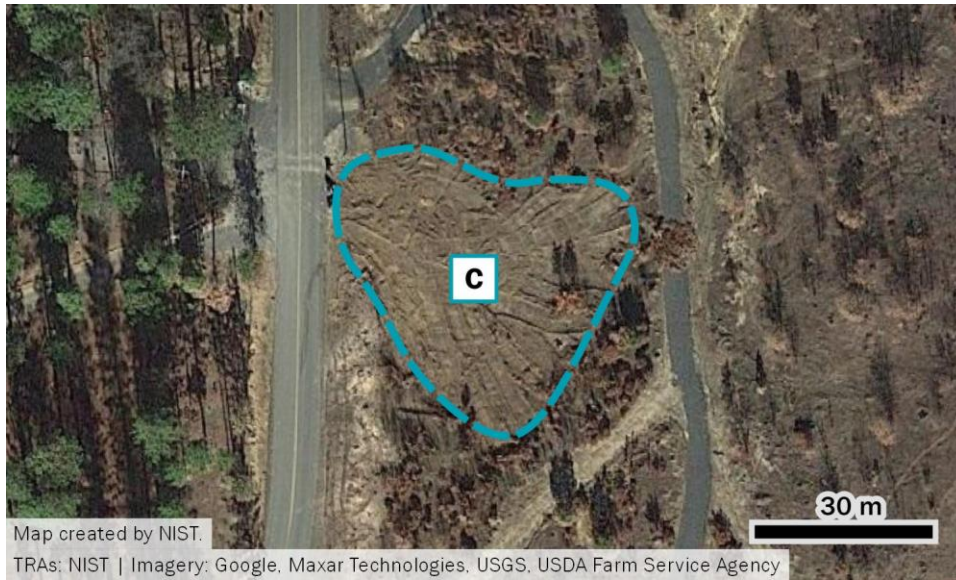
Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



D. Chris Court

Date/Time: November 8, 08:45–09:25

Location: Chris Ct, east of Pentz Rd north of Wagstaff Rd, Paradise

Coordinates: [39.780455, -121.576293]

Formation Urgency: Moderate !!

Hazard Level: Moderate ▲▲

TRA Type: Roadway

Approx. Area of TRA: 0.30 ha (0.74 ac)

Site Description: Cul-de-sac of a paved residential street with sidewalk. Surrounding properties have irrigated green lawns, ornamental vegetation, and concrete paved driveways.

Occupants: Civilians and First Responders

Civilian Headcount: n/d

Civilian Vehicle Count: 6

Related Burnover(s): n/a

Related TRA/ Safety Zone: n/a

Synopsis: Firefighters were working to prepare and defend several houses on Chris Ct. The fire intensified, and civilians in 6 vehicles had not yet evacuated. Firefighters and civilians sheltered in the middle of the cul-de-sac until the fire reduced in intensity and the civilians could evacuate.

Time	Observation	Source
08:16	Multiple spot fires begin in the area around Chris Ct. They rapidly grow, threatening all of Merrill Rd and the mobile home park just to the south on Pentz Rd.	TD-061 TD-045
08:25	Several engines and a water tender arrive to the area in response to the spot fires.	TD-045 TD-022 TD-061 PPD
08:40	PPD is driving the neighborhood announcing the evacuations via loudspeaker. Heavy traffic on Pentz Rd and the near simultaneous evacuation of all residences off Merrill Rd create a backup of more than 30 vehicles trying to turn onto Pentz Rd.	PPD
08:45–09:25	Firefighting personnel protecting structures on Chris Ct shelter 6 civilian vehicles in Chris Ct during intense heat and wind.	TD-022 TD-045
08:57–13:00	An engine continues to protect multiple structures in the area into the afternoon.	TD-045

Duration: 0 h 40 min

Pre-planned TRA: No

Roadway width: 8 m (27 ft) Chris Ct

Fuels around TRA: Landscaping trees/shrubs in all directions (10 m), burned structure S (20 m), field W (40 m), trees/shrubs N behind court homes (50 m), trees/shrubs S behind court homes (45 m), burned structures N (65 m), trees/shrubs E (80 m).

Suppression activity: Firefighters engaged in defensive action of multiple structures in the area. Fire hydrants were utilized.

Related TD: TD-022, TD-045, TD-061, PPD

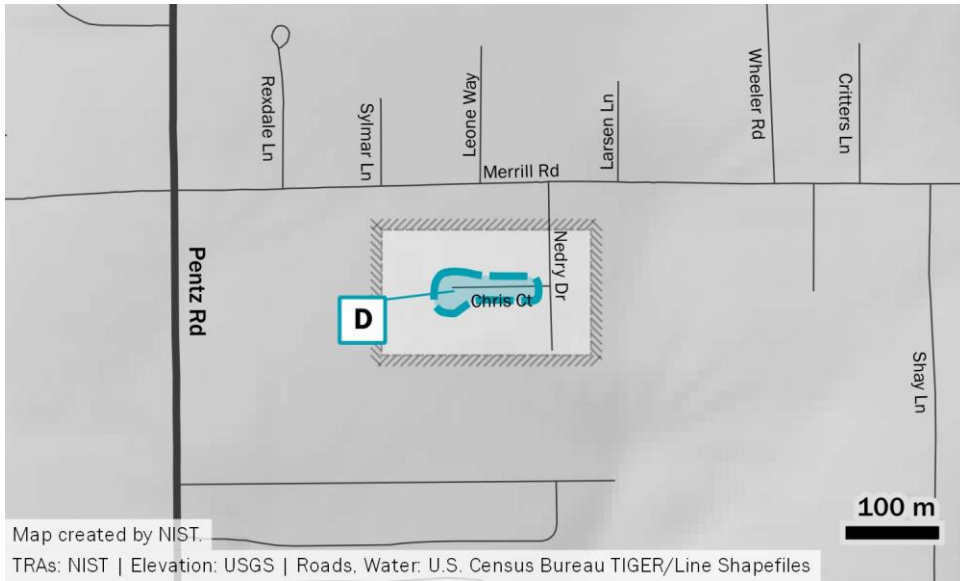
Related streets or keywords: Chris Ct, Nedry Dr, Merrill Rd

Street-level view: View of the cul-de-sac at Chris Ct, looking west.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: No imagery available.

Street map:



Satellite view:



E. Feather River Hospital

Date/Time:	November 8, 09:00–15:00
Location:	Pentz Rd between Bille Rd and Pearson Rd, Paradise
Coordinates:	[39.757921, -121.571678]
Formation Urgency:	High !!!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	1.38 ha (3.40 ac)
Site Description:	Large hospital buildings surrounded by parking lots (including ornamental vegetation). The TRA was primarily outdoors in the parking lots and under the covered entrance to the main emergency room building. The helipad located 150 m (500 ft) northeast of the building was also used for refuge.
Occupants:	Civilians and First Responders
Civilian Headcount:	65 to 115 (on foot, in addition to people in vehicles)
Civilian Vehicle Count:	50 to 110
Related Burnover(s):	Pentz Rd [BO #6] 0 m to 1000 m (0 mi to 0.6 mi) Pearson Rd [BO #7] 1.3 km to 2.3 km (0.8 mi to 1.4 mi) Bille Rd [BO #8] 1.4 km to 2.0 km (0.9 mi to 1.2 mi)
Related TRA/ Safety Zone:	Chloe Ct [TRA-H] Pearson Rd [TRA-J]
Synopsis:	The Feather River Hospital was one of the first locations impacted by fire in Paradise. Evacuation of patients and staff was underway by 08:10 when spot fires first started igniting on the campus. The expansive fire front that impacted the Pentz Rd corridor caused widespread traffic gridlock. As vehicles were stuck on Pentz Rd with fire burning against vehicles and preventing egress to the south, the parking lot at the hospital was the safest area in eastern Paradise. Dozens of vehicles were ultimately directed to the hospital to wait for conditions to improve. Several other TRAs were also consolidated at the hospital (<i>TRA-H</i> , <i>TRA-J</i>) and rescued civilians were transported to the TRA throughout the day.

Time	Observation	Source
07:49–08:00	Multiple spot fires have ignited on the Paradise side of the West Branch in the area around the hospital.	TD-063 PPD 911-064-1 911-071-1 911-084-1 911-085-1 911-086-3
07:51	Butte County Med contacts the ECC to confirm that Zone 8 will be evacuated and to begin operations for evacuating the hospital.	911-072-1
08:11	Feather River Hospital advises PPD that spot fires are igniting on campus, and they are evacuating.	911-1047-1
08:20	Active fire is reported at the hospital, including structures. Hospital evacuation is under way with the assistance of a large law enforcement presence and other first responders.	TD-063 VTD-32 PPD 911-131-1 911-134-1 911-137-1
08:36	So far approximately 20 of 60 patients have been evacuated using sheriff deputies and staff vehicles.	TD-020 VTD-32
08:40	Fire engines begin arriving at the hospital and start protecting the building.	TD-014 TD-020 TD-103
08:57	All patients have been evacuated.	TD-020 VTD-17 VTD-32 PPD
09:00–09:15	Pentz Rd is jammed in both directions. Staff is trying to leave the hospital north toward Bille Rd because visible fire is impacting Pentz Rd south of the hospital. Wind has picked up and there is a heavy ember shower.	TD-020 TD-079 TD-089 TD-209 VTD-17 PPD
09:00–09:15	Vehicles attempting to go south on Pentz Rd encounter heavy fire and zero visibility at Fickett Ln and return to the hospital parking lot.	VTD-17
09:20	A small convoy of vehicles makes it through Pentz Rd in heavy fire conditions.	VTD-17
09:20	Arriving fire department resources advise that Pentz Rd is impassable south of the hospital due to fire conditions and fire engine equipment in the roadway.	TD-063 TD-090 PPD
09:30	Law enforcement is trying to advise people to head north on Pentz Rd because they are working to open up the intersection at Bille Rd and the fire is blocking southbound travel. Several vehicles are now sheltering in their vehicles in the hospital parking lot.	PPD
09:39–10:15	Fire personnel on Pentz Rd north of the hospital direct all vehicles back to the hospital parking lot. Law enforcement begin implementing plan to keep civilians at the TRA and out of the way of the fire department operations to protect the hospital building.	TD-020 TD-063 TD-090 PPD

Time	Observation	Source
10:24	The convoy of vehicles escorted from the Pearson Rd TRA (<i>J</i>) arrive at the hospital.	TD-037 TD-122 TD-123
11:19	The ambulances and patients sheltering at the Chloe Ct TRA (<i>H</i>) arrive at the hospital.	TD-111
11:30	Hospital staff had set up equipment and hospital beds on the helipad. Multiple sources estimate 50 to 60 people taking refuge.	TD-005 TD-014 TD-069 TD-109
13:00	Sheriff deputies shuttled people down through the afternoon. Additional evacuees were brought to the hospital when they were found.	TD-014 TD-069
15:00	Convoy of civilian vehicles departs the hospital south down Pentz Rd.	VTD-23

Duration: 6 h 0 min

Pre-planned TRA: No

Roadway width: 11 m (36 ft) Pentz Rd

Fuels around TRA: Landscaping trees/shrubs/grass throughout hospital grounds (> 0 m), burned structure on grounds (0-20 m), burned structure N across Peach Ln (16 m), burned structure S (35 m), burned structures W across Pentz (45 m), trees SE (85 m).

Suppression activity: There was significant suppression effort dedicated to stopping fire spread through the hospital building, and suppression of spot fires in the landscaping vegetation.

Related TD: TD-005, TD-014, TD-020, TD-037, TD-063, TD-069, TD-079, TD-089, TD-090, TD-103, TD-109, TD-111, TD-122, TD-123, TD-209, VTD-17, VTD-23, VTD-32, PPD, 911-064-1, 911-071-1, 911-072-1, 911-084-1, 911-085-1, 911-086-3, 911-1047-1, 911-131-1, 911-134-1, 911-137-1

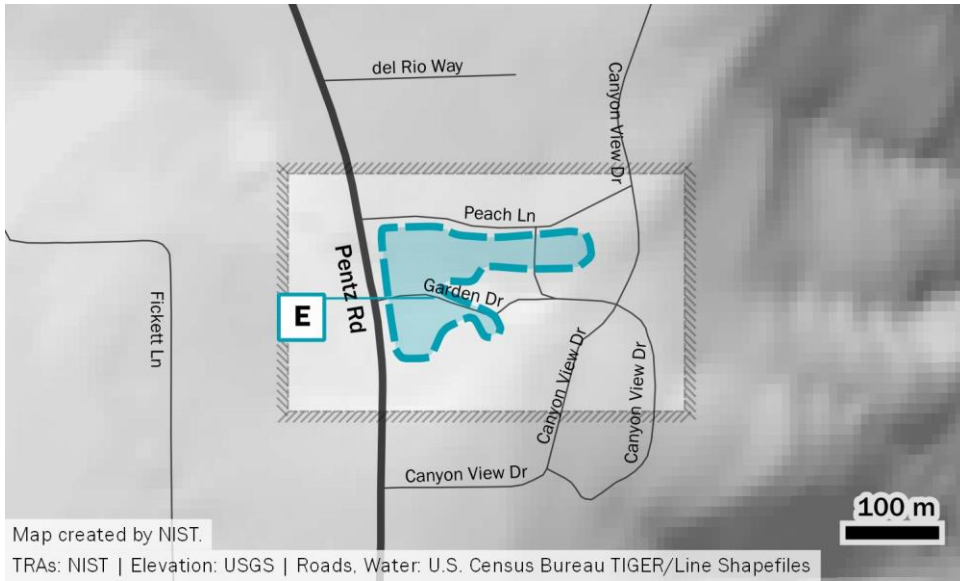
Related streets or keywords: Pentz Rd, Riverview Dr, Canyon View Dr, FRH

Street-level view: View of the main hospital entrance and parking lot looking east from Pentz Rd.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



F. Concow Road "gravel area"

Date/Time:	November 8, 09:05–09:30
Location:	Concow Rd near Ishi Tr, Concow
Coordinates:	[39.775143, -121.506302]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.08 ha (0.20 ac)
Site Description:	A small 600 m ² (6000 ft ²) gravel parking area located between structures on a residential parcel.
Occupants:	Civilians and First Responders
Civilian Headcount:	15 to 25
Civilian Vehicle Count:	n/d
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	n/a

Synopsis: A firefighter working to notify civilians and assist with evacuations on a side street off Concow Rd became surrounded by fire. They all took refuge and waited in a gravel parking/driveway area until they were able to evacuate.

Time	Observation	Source
08:42	Additional resources are arriving to Concow but are stopped by fire near Cribbage Ln. Several resources work to notify and evacuate civilians south of Cribbage Ln and attempt to save structures.	TD-115
09:05	A water tender just south of Cribbage Ln becomes trapped by fire. They are taking ~20 civilians to a gravel area to refuge in vehicles. Structures are burning.	TD-115
09:19	The water tender reports they are still trapped with 20 civilians in vehicles.	911-237-1

NIST TN 2252 sup
July 2023

Duration: 0 h 25 min

Pre-planned TRA: No

Roadway width: 7 m (23 ft) Concow Rd

Fuels around TRA: Landscaping throughout property (0 m), trees surrounding (15 m to 50 m).

Suppression activity: n/d

Related TD: TD-115, 911-237-1

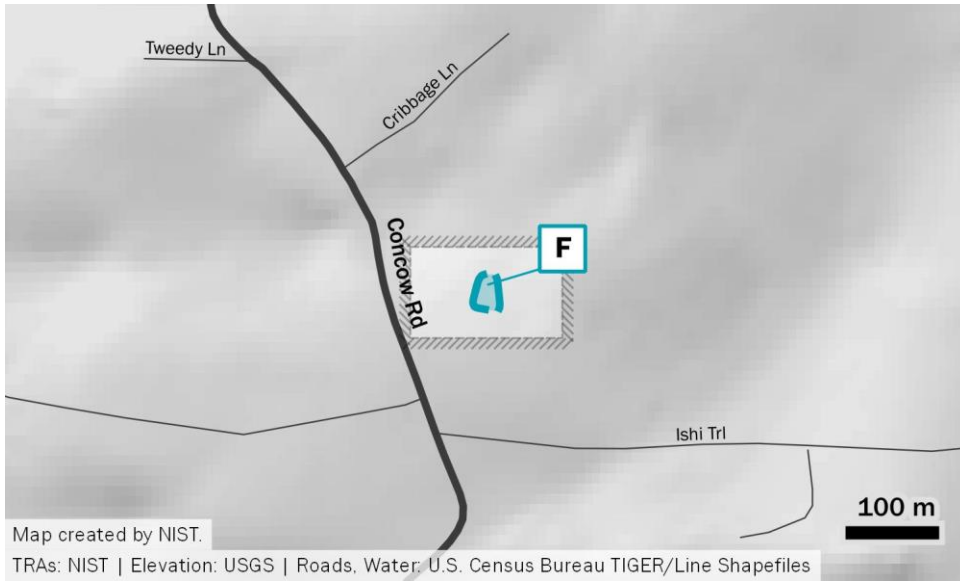
Related streets or keywords: Concow Rd, Ishi Tr

Street-level view: View of the driveway to the gravel lot off Concow Rd.

Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



G. Ponderosa Elementary School

Date/Time: November 8, 09:07–10:00
Location: Pentz Rd just south of Wagstaff Rd, Paradise
Coordinates: [39.775030, -121.581607]
Formation Urgency: High !!!
Hazard Level: Moderate ▲▲
TRA Type: Parking Lot
Approx. Area of TRA: 0.28 ha (0.70 ac)
Site Description: The specific area of refuge was on the paved basketball courts and playground area behind (west) the school buildings. The area is surrounded on three sides by ball fields and is adjacent to residential backyards on the fourth side.

Occupants: Civilians
Civilian Headcount: n/d
Civilian Vehicle Count: 6

Related Burnover(s): n/a
Related TRA/ Safety Zone: n/a

Synopsis: Several vehicles became trapped on the paved outdoor basketball court at Ponderosa Elementary School after they attempted to find an alternate path to escape the gridlocked traffic and fire exposures on Pentz Rd. The details of the outcome are unknown. There were no reported fatalities or known injuries associated with this event.

Time	Observation	Source
09:07	A civilian calls 911 requesting assistance for 6 vehicles trapped on the basketball court at Ponderosa Elementary School, where they sought shelter from the fire on Pentz Rd.	911-216-1

Duration: 0 h 53 min

Pre-planned TRA: No

Roadway width: 8 m (26 ft) Pentz Rd

Fuels around TRA: Landscaping throughout school grounds (0 m), trees S (104 m), burned structures N on school grounds including temporary classrooms (70 m), burned structures W of courts (5 m to 15 m).

Suppression activity: None

Related TD: 911-216-1

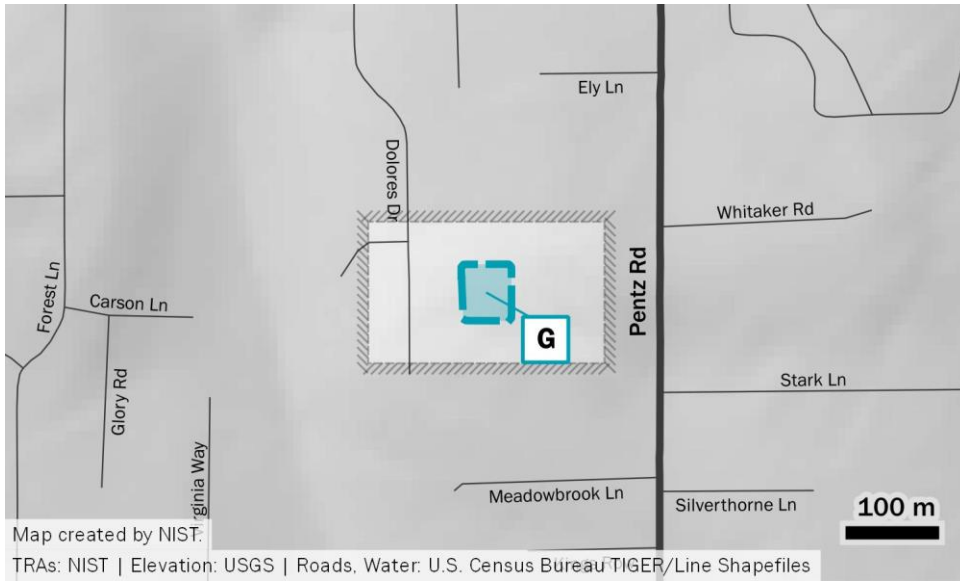
Related streets or keywords: Pentz Rd

Street-level view: View of the exit of the school parking lot on Pentz Rd. The basketball courts are located behind the school buildings.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



H. Chloe Court

Date/Time:	November 8, 09:20–11:15
Location:	Chloe Ct, off Pentz Rd 500 m (0.3 mi) south of Bille Rd, Paradise
Coordinates:	[39.766289, -121.576239]
Formation Urgency:	High !!!
Hazard Level:	High ▲▲▲
TRA Type:	Structure
Approx. Area of TRA:	0.31 ha (0.77 ac)
Site Description:	Refuge was primarily inside the garage of a residential structure with paved residential street and driveway, and landscaped yard.
Occupants:	Civilians and First Responders
Civilian Headcount:	7 to 14
Civilian Vehicle Count:	2 (ambulances)
Related Burnover(s):	Pentz Rd [<i>BO #6</i>] 0 m to 100 m (0 ft to 330 ft)
Related TRA/ Safety Zone:	Feather River Hospital [<i>TRA-E</i>]

Synopsis: Two ambulances leaving from Feather River Hospital were driving north on Pentz Rd in heavy traffic when one ambulance caught fire. A fire chief in the area directed medical staff (paramedics and hospital staff) to take the patients into the garage of a nearby residential structure on Chloe Ct as fire burned through the immediate area. The paramedics and other first responders defended the structure until it was safe to return to the hospital (*TRA-E*).

Time	Observation	Source
08:55	There is heavy fire on the east side of Pentz Rd and spot fires are starting all around. NB traffic is congested on Pentz Rd, flowing slowly but steady. It is smoky but visibility is okay.	TD-015
09:10–09:20	Ambulances with patients and personnel evacuating from FRH are traveling NB in the SB lanes of Pentz Rd. The ambulances become trapped and catch fire.	TD-015 TD-060 TD-083 911-221-2 911-230-5 911-232-1
09:20	The medics shelter the patients inside a residential garage. Surrounding structures are igniting. Medics and nurses protect the residential structure by putting out spot fires with garden hoses.	TD-015 TD-111
10:30	An engine is able to access the TRA. The engine and ambulance crews work to defend the area and neighboring structures.	TD-015 TD-111
11:15	Pentz Rd is now passable, and the patients and medical personnel are returned back to FRH.	TD-015 TD-111

Duration: 1 h 55 min

Pre-planned TRA: No

Roadway width: 5 m (16 ft) Chloe Ct; 7 m (23 ft) Pentz Rd

Fuels around TRA: Landscaping surrounding house (0 m), burned structure S (7 m), burned structure W (30 m), burned structure E (65 m).

Suppression activity: First responders cleaned debris from around the structure, roof, and gutters. Garden hoses were used to put out nearby spot fires. A fire engine also arrived to defend the area.

Related TD: TD-015, TD-060, TD-083, TD-111, 911-221-2, 911-230-5, 911-232-1

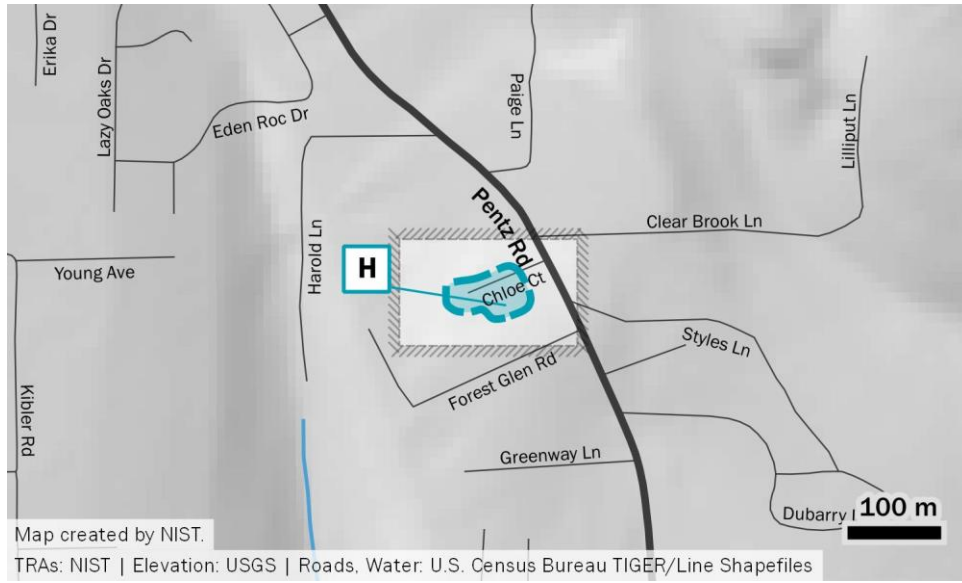
Related streets or keywords: Chloe Ct, Pentz Rd, ambulance

Street-level view: View of Chloe Ct from Pentz Rd.

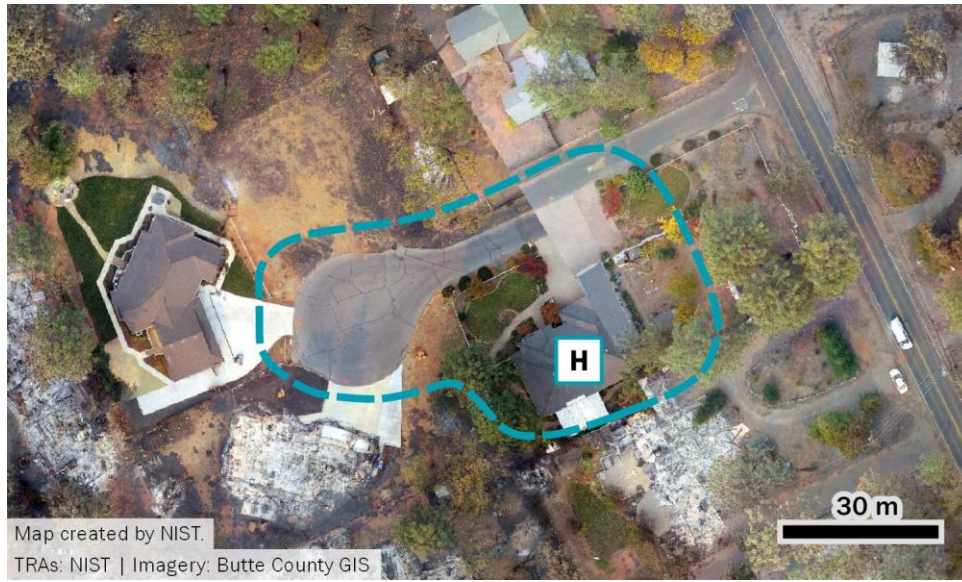
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



I. Bille Road

Date/Time:	November 8, 09:30–12:00
Location:	Bille Rd and Pentz Rd, Paradise
Coordinates:	[39.770008, -121.579354]
Formation Urgency:	High !!!
Hazard Level:	High ▲▲▲
TRA Type:	Roadway
Approx. Area of TRA:	0.31 ha (0.77 ac)
Site Description:	Street intersection and the paved parking area of a small commercial building (convenience store) set back from the roadway.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	70 to 100
Related Burnover(s):	Bille Rd [<i>BO #8</i>] 0 m to 400 m (0 mi to 0.25 mi)
Related TRA/ Safety Zone:	Paradise Plaza [<i>TRA-K</i>]

Synopsis: Traffic was gridlocked at the intersection of Pentz Rd and Bille Rd as people attempted to evacuate from the fire impacting the Pentz Rd corridor. As fire intensified around the intersection, a fire engine arrived and was able to connect to the fire hydrant and use their monitor nozzle to protect the immediate area. Vehicles crowded into the intersection and adjacent convenience store parking area within reach of the water stream. Once fire conditions subsided and a path was cleared, vehicles were escorted to the Paradise Plaza Shopping Center (*TRA-K*) where they waited with other civilians for a safe escort out of the fire area.

Time	Observation	Source
08:55–09:20	Pentz Rd and Bille Rd is completely blocked with gridlocked traffic. Law enforcement is trying to clear the traffic. Civilians are abandoning vehicles. Visibility is variable and there are heavy ember showers.	TD-021
		TD-040
		TD-069
		TD-116
		VTD-32
09:20–09:30	Law enforcement continue to work on traffic flow, attempting to send vehicles west on Bille Rd. A fire engine arrives. Within minutes the fire hits the intersection.	PPD
		TD-021
		TD-040
09:30–11:50	The engine hooks to the hydrant to protect the intersection and corner store using the deck gun (reach of approximately 30 m to 45 m [100 ft to 150 ft]). Approximately 70 to 100 vehicles were in reach. The wind is gusting 9 m/s to 13 m/s (20 mi/h to 30 mi/h) and visibility is variable.	VTD-32
		PPD
		TD-021
		TD-038
		TD-060
		TD-089

Time	Observation	Source
09:30–09:50	NB traffic on Pentz Rd is still backed up south to the hospital (1.5 km [0.9 mi]). Homes are igniting on the east side of Pentz Rd.	TD-060 TD-079 TD-089 PPD
09:50	Active fire reaches Bille Rd in the area of Tyden Way (320 m [1000 ft] west of Pentz Rd) where traffic is stopped.	TD-021 TD-060 TD-079 PPD
09:50–10:15	Fire impacts the eastern 400 m (0.25 mi) of Bille Rd. Vehicles are burning in the roadway. First responders are working to get people and vehicles out of the fire. Bille Rd is impassable. The mobile home park south of the intersection is burning.	TD-021 TD-060 TD-079 PPD
11:15	The engine continues protecting vehicles sheltered in the store parking lot and intersection. The mobile home park has burned. Burned vehicles and powerlines block Bille Rd.	TD-015 TD-021 PPD
11:50–12:00	Vehicles are escorted to the Paradise Plaza TRA.	TD-015
12:00–20:30	Burning and burned/abandoned vehicles and powerlines block Bille Rd until a dozer is able to clear a lane.	TD-069 TD-129

Duration: 2 h 30 min

Pre-planned TRA: No

Roadway width: 7 m (23 ft) Bille Rd; 13 m (43 ft) Pentz Rd

Fuels around TRA: Trees/shrubs in all directions surrounding intersection (0 m), burned structure E across Pentz Rd (11 m), burned structure S (11 m), burned structure W across Bille Rd (50 m).

Suppression activity: A fire engine utilized the fire hydrant water supply to spray the intersection area during the fire exposure. Additional engines conducted rescue and defensive action operations on Bille Rd.

Related TD: TD-015, TD-021, TD-038, TD-040, TD-060, TD-069, TD-079, TD-089, TD-116, TD-129, VTD-32, PPD

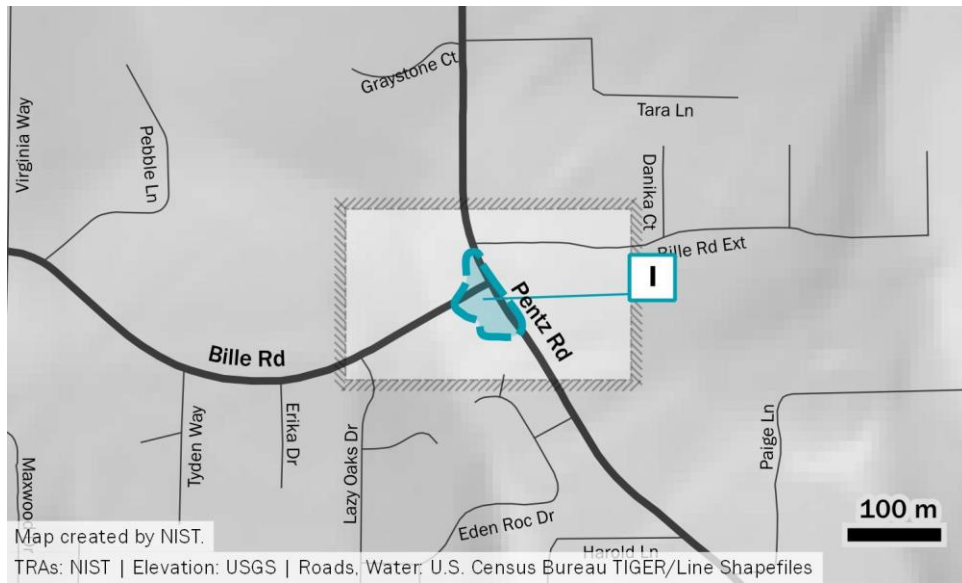
Related streets or keywords: Bille Rd, Pentz Rd

Street-level view: View of Bille Rd and Pentz Rd intersection, including market parking lot. View looking south. The fire hydrant used for suppression is on the street corner in the center of the images.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



J. Pearson Road

Date/Time: November 8, 09:35–10:18
Location: Pearson Rd near Cherry Ln, 1 km (0.6 mi) west of Pentz Rd, Paradise
Coordinates: [39.748304, -121.581260]
Formation Urgency: High !!!
Hazard Level: High ▲▲▲
TRA Type: Natural
Approx. Area of TRA: 0.29 ha (0.71 ac)
Site Description: Primary area was a grassy undeveloped residential lot.

Occupants: Civilians and First Responders
Civilian Headcount: n/d
Civilian Vehicle Count: 30 to 70

Related Burnover(s): Pearson Rd [*BO #7*] 0 m to 700 m (0 mi to 0.4 mi)
Related TRA/ Safety Zone: Feather River Hospital [*TRA-E*]

Synopsis: Evacuating traffic heading westbound on Pearson Rd was backed up east of Stearns Rd. Intense fire spread through the drainage at the east end of Pearson Rd, impacting and trapping dozens of vehicles. Firefighters directed vehicles off the roadway into a grassy unbuilt residential lot as a dozer cleared the area. When the fire subsided, the dozer cleared burned vehicles and debris from the roadway to escort the civilians to the parking lot at Feather River Hospital (*TRA-E*) where they waited for conditions to allow safe evacuation from the fire area.

Time	Observation	Source
08:56	Traffic is jammed both directions on Pearson Rd at Hilbe Dr. Explosions are audible from structures burning on Pentz Rd.	TD-034 TD-036
09:00	Traffic is stopped using both lanes westbound on Pearson Rd west of Stearns Rd. All side streets feeding Pearson Rd are backed up as well. Law enforcement is trying to move traffic.	TD-037 TD-068 TD-087 TD-300 VTD-17
09:00–09:20	A spot fire is burning in the drainage south of Pearson Rd near Stearns Rd. It is spreading and flame lengths are 7 m to 9 m (20 ft to 30 ft). It is dark and smokey; visibility is reduced below 15 m (50 ft) at times.	TD-037 TD-068 TD-100 VTD-32
09:20–10:00	The drainage is fully involved in fire. Visibility is very poor, sometimes zero. Flames are impacting vehicles stuck in traffic and people are abandoning vehicles. There is significant ember shower.	TD-037 TD-087 TD-122 TD-123 TD-129 VTD-16 VTD-23 VTD-24 VTD-32
09:35–10:00	There are 2 fire engines present, and firefighters are trying to get traffic moving. Traffic is backed up all the way to Clark Rd (2.7 km [1.7 mi]) preventing vehicles from moving. Firefighters identified an empty lot to use as a TRA. They are rationing water to protect for life safety.	TD-037 TD-087 TD-111 TD-122 VTD-23 VTD-24
09:50–09:55	Several people (4 to 5) on foot, including law enforcement officers, have abandoned their vehicles, and are rescued by a dozer and an engine. Everything around is burning, visibility is near zero, and there is heavy ember shower.	TD-063 TD-129 VTD-16 VTD-25 VTD-32 PPD
09:55–10:24	The dozer continues westbound on Pearson Rd toward the traffic jam, pushing burning and abandoned vehicles from the roadway. The dozer clears an area of the empty residential lot near Cherry Ln.	TD-037 TD-122 TD-129 VTD-23
10:00–10:18	Vehicles are directed into the dozer-cleared lot as a make-shift safety zone.	TD-037 TD-087 TD-122 TD-123 TD-129 VTD-23
10:18	The dozer and engines lead the caravan of 50 (+/- 20) vehicles through the Pearson Rd drainage to Pentz Rd, pushing vehicles and power poles from the roadway. The convoy is then directed to Feather River Hospital.	TD-037 TD-087 TD-123 TD-129 VTD-23

Duration: 0 h 43 min

Pre-planned TRA: No

Roadway width: 9 m (30 ft) Pearson Rd

Fuels around TRA: Trees along grass lot border (0 m), burned structure N (20 m), burned structure E (20 m), burned structure SW (20 m), burned structure W (23 m), burned structure S (45 m).

Suppression activity: None

Related TD: TD-034, TD-036, TD-037, TD-063, TD-068, TD-087, TD-100, TD-111, TD-122, TD-123, TD-129, TD-300, VTD-16, VTD-17, VTD-23, VTD-24, VTD-25, VTD-32, PPD

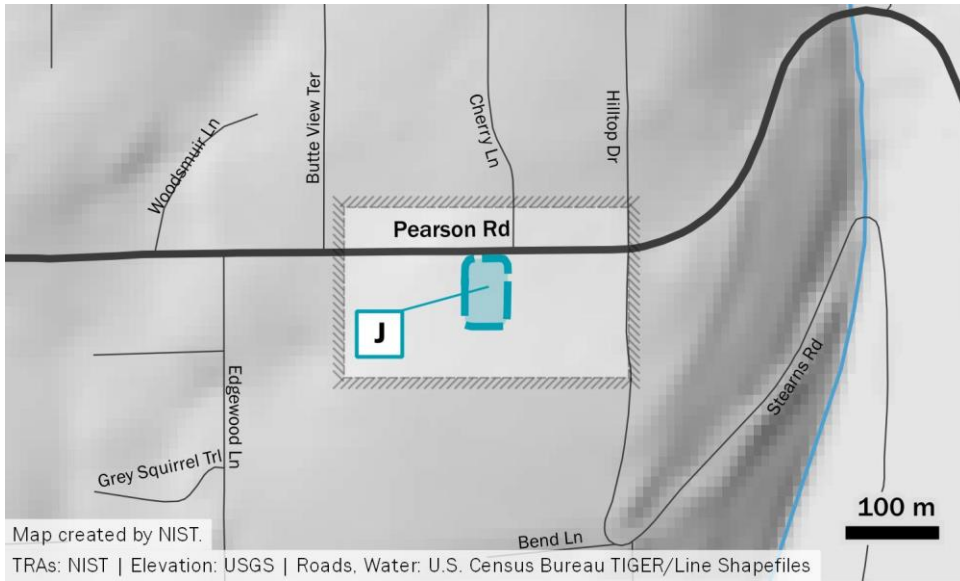
Related streets or keywords: Pearson Rd, Cherry Ln

Street-level view: View of Pearson Rd and the empty parcel used as the TRA. View is looking southeast.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



K. Paradise Plaza Shopping Center

Date/Time: November 8, 09:45–17:45
Location: Clark Rd at Wagstaff Rd, Paradise
Coordinates: [39.776684, -121.590496]
Formation Urgency: Low !
Hazard Level: Low ▲
TRA Type: Parking Lot
Approx. Area of TRA: 2.32 ha (5.74 ac)
Site Description: Large parking lot (approximately 600 marked parking spaces) of a commercial shopping center. The majority of the parking lot had minimal landscaped dividers and ornamental vegetation. The parking lot is surrounded on two sides by commercial shopping buildings and two sides by Clark Rd and Wagstaff Rd.

Occupants: Civilians and First Responders
Civilian Headcount: n/d
Civilian Vehicle Count: 350 to 550

Related Burnover(s): n/a

Related TRA/ Safety Zone: Bille Rd [*TRA-I*]
Optimo [*TRA-S*]
CMA Church [*TRA-V*]
Magalia Pines Baptist Church [*TRA-Y*]
Magalia Sav-Mor [*TRA-Z*]

Synopsis: Initially, a small number of civilians may have decided to wait in the large parking lot at Paradise Plaza Shopping Center due to the traffic delays on Clark Rd and Wagstaff Rd. However, first responders began directing vehicles into the lot by 10:00 as fire became more widespread in the center of Paradise. At noon, dozens more vehicles were escorted to Paradise Plaza from the TRA on Bille Rd (*TRA-I*). Additional rescued civilians and evacuees arrived through the afternoon. After 16:30, the first primary convoys were being sent out of the fire area, in coordination with the evacuation of other TRAs (*TRA-S*, *TRA-V*). Arrival of public transit buses facilitated the evacuation of many people without vehicles. People from TRAs in Magalia (*TRA-Y*, *TRA-Z*) were brought to the buses at Paradise Plaza for further evacuation. All buses and civilians were clear of the TRA at 23:00.

Time	Observation	Source
08:45	There is heavy traffic on Clark Rd and Wagstaff Rd. Flow begins to slow.	TD-053 TD-064 TD-067 TD-075 TD-085 PPD
09:18	The sky is complete overcast, evening time darkness. There are approximately 20 vehicles scattered in the parking lot.	VTD-18
09:30	The intersection of Wagstaff Rd and Clark Rd is gridlocked as fire is burning right behind (east of) the shopping center. Smoke plumes are rising just east of the intersection as tall trees and structures burn.	TD-017 TD-043 TD-052 VTD-18
09:45	Contraflow has been implemented on Clark Rd, all lanes southbound, but traffic is still stopped. First responders begin directing vehicles into the parking lot.	TD-017 TD-043 TD-058 PPD
10:00–10:15	The number of vehicles in the parking lot is approximately 40 to 50. Civilians and first responders are present.	TD-009 VTD-18
10:25	The intersection of Wagstaff Rd and Clark Rd is clear of traffic.	PPD
10:45	Hedges and vegetation up to the southern edge of the parking lot are burning, as are structures on the cul-de-sacs north of Country Oak Dr, just south of the shopping center.	VTD-18
11:00–11:45	There are now a few hundred people at the TRA. From Wagstaff Rd it appears the parking lot is full; however, the southern-most third of the lot is sparsely populated. Visibility is poor (often < 60 m [200 ft]) and fires continue to burn nearby structures.	TD-009 TD-017 VTD-18 PPD
12:00–12:15	Dozens of vehicles from the Bille Rd TRA (<i>I</i>) are escorted to the Paradise Plaza TRA via Pentz Rd and Bille Rd. The parking lot is over 60 % full of vehicles. Multiple first responders are present, including medical staff and personnel who evacuated from FRH.	TD-038 TD-042 TD-043 VTD-18 PPD
12:15–16:30	The parking lot is nearly full (estimated 500 vehicles). Additional rescued civilians are brought to the TRA throughout the afternoon. Fire continues to burn structures around the shopping center and spot fires continue igniting in the landscaping. A few fire engines protect the vicinity.	TD-014 TD-015 TD-021 TD-041 TD-042 TD-043 TD-063 TD-065 TD-069 TD-111 TD-141 VTD-18
16:30–17:30	The first convoy of hundreds of civilian vehicles is escorted out of Paradise from the TRA down Clark Rd. This convoy is joined by vehicles from the Optimo TRA (<i>S</i>) and the CMA Church TRA (<i>V</i>).	TD-063 TD-065 VTD-18
17:15	The convoy of B-Line public transport buses (5 large, 2 small) arrive at the TRA. Buses are staged here awaiting additional evacuees shuttled from throughout Paradise and from additional TRAs in Magalia (<i>TRA-Y</i> , <i>TRA-Z</i>).	TD-015 TD-030 TD-047 TD-049

Time	Observation	Source
		TD-056 TD-057 TD-059 TD-114 VTD-08
17:45	The parking lot is mostly empty of civilian vehicles by this time. [<i>Most of the estimated 500 vehicles from the afternoon have evacuated. Buses are waiting for additional civilians.</i>]	TD-015 TD-114
19:26	A convoy of 20 civilian vehicles and 3 full large buses (~47 persons each) and a small bus leave the TRA. They take evacuees to Chico via Skyway.	TD-049 TD-056 TD-059 TD-127
22:55	The final group of buses (2 large, 1 small) leaves the TRA for Chico. Significantly fewer people are in this convoy as most people were previously evacuated.	TD-057 TD-114

Duration: 8 h 0 min

Pre-planned TRA: No

Roadway width: 17 m (55 ft) Clark Rd; 7 m to 14 m (23 ft to 46 ft) Wagstaff Rd

Fuels around TRA: Landscaping trees and shrubs in front of Kmart (15 m). Surrounding the shopping center buildings and parking areas there are burned structures and trees E (15 m to 30 m), burned structures S (15 m), trees W (30 m), trees N (40 m).

Suppression activity: Firefighters patrolled the area around the shopping center and protected the back of the buildings from exposures and put out spot fires in vegetation in the parking lot.

Related TD: TD-009, TD-014, TD-015, TD-017, TD-021, TD-030, TD-038, TD-041, TD-042, TD-043, TD-047, TD-049, TD-052, TD-053, TD-056, TD-057, TD-058, TD-059, TD-063, TD-064, TD-065, TD-067, TD-069, TD-075, TD-085, TD-111, TD-114, TD-127, TD-141, VTD-08, VTD-18, PPD

Related streets or keywords: Clark Rd, Wagstaff Rd

Street-level view: View of Paradise Plaza shopping center and parking lot from Clark Rd.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



L. Paradise Police Department/Fire Station 81

Date/Time:	November 8, 09:45–14:41
Location:	Birch St at Black Olive Dr, Paradise
Coordinates:	[39.753808, -121.624609]
Formation Urgency:	Low !
Hazard Level:	Low ▲
TRA Type:	Structure
Approx. Area of TRA:	0.37 ha (0.92 ac)
Site Description:	Inside the police station and main fire station. The location is immediately surrounded by streets on three sides and a back parking lot on the fourth.
Occupants:	Civilians and First Responders
Civilian Headcount:	30 to 60
Civilian Vehicle Count:	0
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	n/a

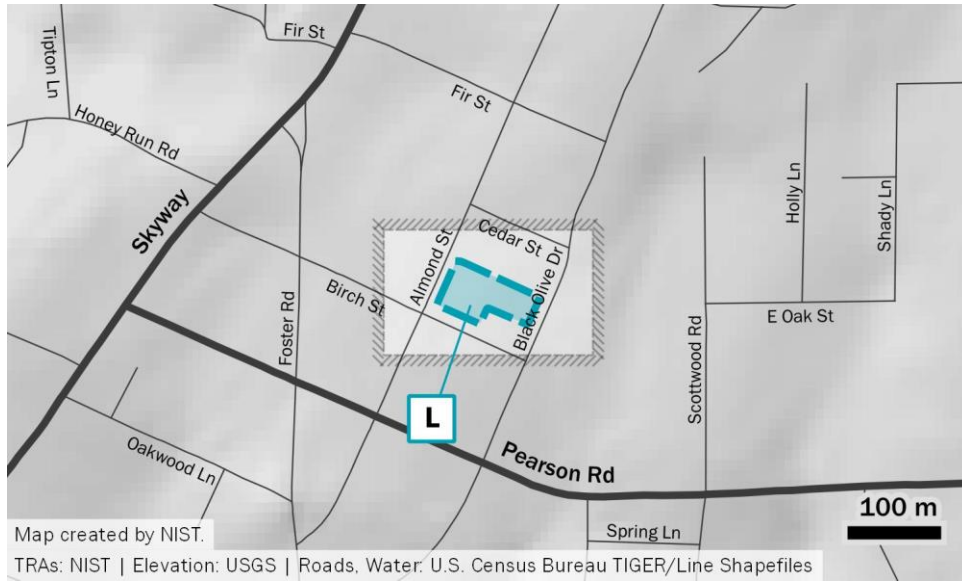
Synopsis: Initially, civilians arrived at the Paradise police station as a safe location. Several people without transportation or who had been rescued were transported to the police station as well. Several waves of transportation, using transport vans, personal vehicles, and law enforcement vehicles, were arranged to take people out of the fire area.

Time	Observation	Source
09:45–10:30	Civilians are showing up to the police station as a safe space.	TD-078
10:02–10:18	A group of 15 students from Paradise HS need rides and police transport them to the police station.	TD-064 TD-071 TD-076 TD-078
10:20–10:30	The 911 phone lines stop working. The lines are ringing but they cannot be connected.	TD-073 TD-078 PPD
10:30	The 911 communications staff evacuates the station and heads to Chico. Staff take some civilians with them in their personal vehicles.	TD-073 TD-078 PPD
10:48–10:53	A BCSO van is utilized to transport the remaining civilians from the police station out of the fire.	PPD
11:30	Traffic is stop and go on Pearson Rd; all lanes headed WB to Skyway. It is dark and smoky, but visibility is okay (> 120 m [400 ft]).	PPD

Time	Observation	Source
11:35	Most personnel have evacuated from PPD and Fire Station 81. A few first responders are still present with some civilians sheltering in place at the fire station.	TD-066 PPD
12:00–14:55	Additional civilians are being brought to the station into the afternoon. 15 people are sheltering in the fire station with LE.	TD-021 TD-066 TD-118
12:45	A police officer sweeps pine needles off the roof of the police station.	TD-066
13:10	The park across the street from PPD is burning. Embers sized 10 cm to 15 cm (4 in to 5 in) are falling.	TD-064
14:00	An engine is patrolling the area and other first responders are watering the area with garden hoses to defend the station.	TD-042 TD-064 TD-069
14:35–14:41	Various first responders are coordinating evacuation of civilians from Station 81. Approximately 15 civilians (including elderly and pregnant subjects) are at the station. They are loaded into vehicles and a BCSO 15-passenger transport van. Nearby structures and vegetation are burning. It is dark as night.	TD-066 PPD
14:59	A PPD officer has rescued an elderly civilian and is informed that everyone has been transported from the TRA at Fire Station 81 and they will have to transport the civilian to a shelter in Chico.	PPD

Duration:	4 h 56 min
Pre-planned TRA:	No
Roadway width:	11 m (33 ft) Birch St, Almond St, and Black Olive Dr
Fuels around TRA:	Trees, urban landscaping surrounding station (0 m), trees/shrubs at park E (64 m). It is not clear if these areas burned..
Suppression activity:	Various defensive actions were taken to protect the structures, including clearing debris from the roof and patrolling with garden hoses.
Related TD:	TD-021, TD-042, TD-064, TD-066, TD-069, TD-071, TD-073, TD-076, TD-078, TD-118, PPD
Related streets or keywords:	Black Olive Dr, Birch St
Street-level view:	View of Paradise Fire Station 81 (left of center) and Paradise Police Department (right of center) from the intersection of Black Olive Dr and Birch St.
Pre-fire imagery links:	Google Maps Street View , Bing Maps Streetside
Post-fire imagery links:	Google Maps Street View

Street map:



Satellite view:



M. Paradise Baptist Church

Date/Time:	November 8, 10:17–12:45
Location:	Pentz Rd 1.1 km (0.7 mi) north of Wagstaff Rd, Paradise
Coordinates:	[39.787909, -121.580438]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.21 ha (0.52 ac)
Site Description:	The paved parking lot (approximately 60 marked parking spaces) of a church. The church was bordered by pine trees to the south and a 0.7 ha (1.7 ac) grass field on the north.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	4 to 6
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	n/a

Synopsis: Firefighters identified the parking lot of the Paradise Baptist Church on Pentz Rd as a safe location to temporarily stage evacuating civilians who had nowhere to go due to the obstructed roadways (fire, traffic, debris).

Time	Observation	Source
10:17–10:30	An engine strike team arrives in the area and determines evacuation is not possible and a TRA is needed. Spot fires are igniting in the area.	TD-079
		TD-083
		TD-085
		TD-089
10:30–12:45	Firefighters conduct a defensive firing operation to create a safe parking area. Civilians are brought to the church. Up to 6 or 7 vehicles.	TD-079
		TD-083
		TD-084
		TD-085
		TD-089

Duration: 2 h 28 min

Pre-planned TRA: No

Roadway width: 8 m (26 ft) Pentz Rd

Fuels around TRA: Trees around church buildings (0 m), burned structure S (22 m), burned structure NW (40 m), burned structure SE (90 m).

Suppression activity: Firefighters conducted defensive firing operations and utilized the fire hydrant on Pentz Rd.

Related TD: TD-079, TD-083, TD-084, TD-085, TD-089

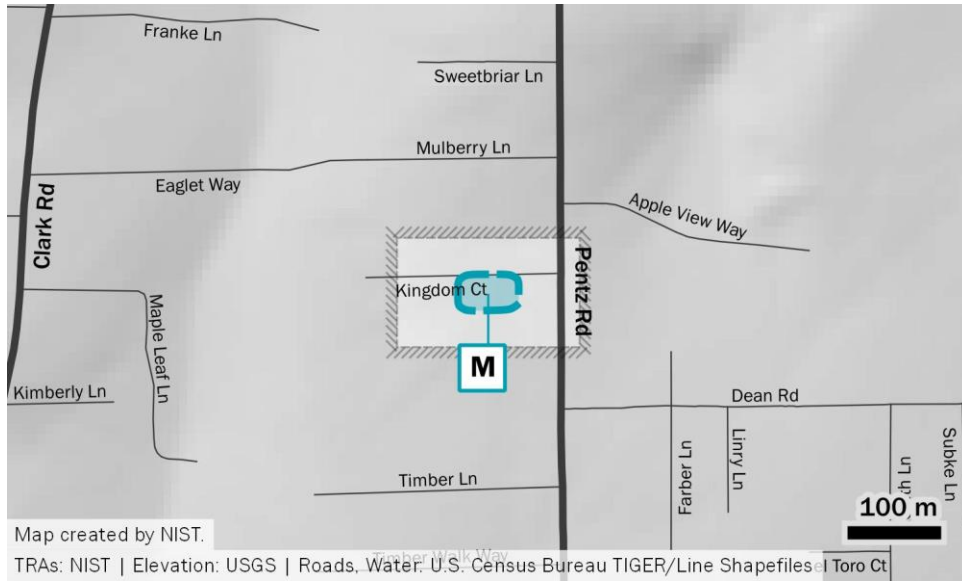
Related streets or keywords: Pentz Rd

Street-level view: View of the entrance to the church on Kingdom Ct, viewed from Pentz Rd.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



N. Wagstaff Road

Date/Time:	November 8, 10:30–12:55
Location:	Wagstaff Rd at Skyway, Paradise
Coordinates:	[39.777660, -121.606299]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Roadway
Approx. Area of TRA:	0.49 ha (1.22 ac)
Site Description:	Major roadway intersection (5 lanes and 3 lanes). Gas stations were located on the SE and SW corners. A small commercial building was located on the NW corner. The NE corner was undeveloped with a few pine trees and clear understory. Civilians potentially entered and refuged inside the NW commercial building.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	100 to 200
Related Burnover(s):	Skyway (upper) [BO #4] 0.1 km to 1.2 km (0.1 mi to 0.75 mi)
Related TRA/ Safety Zone:	n/a

Synopsis: Traffic on Skyway was backed up through Paradise to north of Wagstaff Rd. Fire impacted the standstill traffic and people had nowhere to go. Many abandoned their vehicles and went on foot south toward the intersection at Wagstaff Rd. The intersection was used as a temporary refuge. A nearby small commercial store was potentially also used. Civilians were directed toward Clark Rd for further evacuation when conditions allowed.

Time	Observation	Source
09:21	Traffic is gridlocked on Skyway and Wagstaff Rd. The area is about to be threatened by the fire and multiple cars are on fire in the general area.	TD-042 TD-111 TD-127
10:30–12:00	Traffic is backed up on Skyway from Wagstaff Rd beyond Quail Way (800 m [0.5 mi] north of Wagstaff Rd). Fire is impacting the stopped traffic and there is nowhere to go. People are told to abandon vehicles in the area of Skyway and Quail Way and hunker down in the antique shop on Wagstaff Rd.	VTD-10
10:44	Skyway is jammed, standstill or very slow-moving traffic. All lanes are southbound; 2 lanes north of Wagstaff Rd and 3 lanes south of Wagstaff Rd. Very few cars are coming from Wagstaff Rd.	VTD-13 VTD-26
11:22	There are now about 200 cars parked in the area of Wagstaff Rd and Skyway, parked everywhere they could be.	TD-042

Time	Observation	Source
11:30–12:30	First responders force entry to a stucco building [<i>the antique shop</i>] to use as a possible TRA.	TD-127
12:00	The intersection area is being impacted by fire. There are multiple gas stations at the intersection, and it is not a good TRA. Civilians are on foot, abandoning vehicles. First responders are trying to collect all of them to bring to safety. Some civilians are running down Skyway toward the Walgreens.	TD-127
12:15–12:30	Sporadic traffic is still coming through Skyway. First responders are shoving abandoned vehicles from the roadway. First responders are collecting people and directing them out of the TRAs south and east to Bille Rd and Clark Rd.	TD-127
12:24	First responders utilize a bus to load civilians and transport them to Bille Rd and the Walgreens. Fire is burning along Skyway at both Wagstaff Rd and Bille Rd.	TD-127
12:44	A Battalion Chief encounters 25 civilians evacuating in a school bus. The bus is now high-centered (stuck) on the roadside and is partially blocking Skyway near Quail Way. The civilians are squeezed into random cars to continue evacuating as fire encroaches on the roadway.	TD-127
12:55	First responders heading north on Skyway at Wagstaff Rd encounter numerous abandoned vehicles, but limited civilians are present.	TD-112 TD-205

Duration: 2 h 25 min

Pre-planned TRA: No

Roadway width: 19 m (62 ft) Skyway; 12 m to 15 m (39 ft to 49 ft) Wagstaff Rd

Fuels around TRA: Burned structure SE (20 m), burned structure W (7 m).

Suppression activity: n/d

Related TD: TD-042, TD-111, TD-112, TD-127, TD-205, VTD-10, VTD-13, VTD-26

Related streets or keywords: Wagstaff Rd, Skyway

Street-level view: View of the Wagstaff Rd and Skyway intersection looking northeast from Skyway.

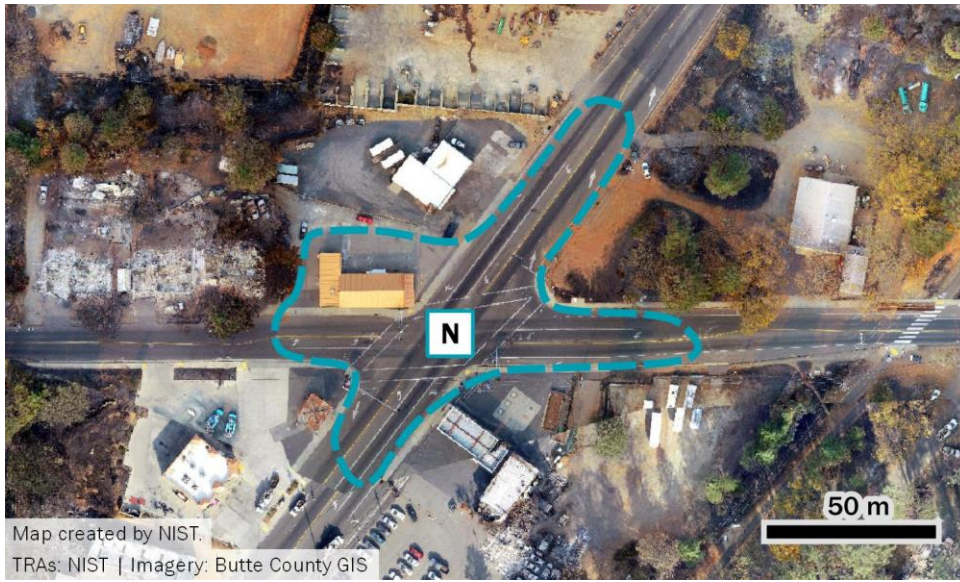
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



O. Fire Station 82

Date/Time:	November 8, 10:55–12:00
Location:	Pearson Rd between Clark Rd and Pentz Rd, Paradise
Coordinates:	[39.748772, -121.593944]
Formation Urgency:	Low !
Hazard Level:	Moderate ▲▲
TRA Type:	Structure
Approx. Area of TRA:	0.11 ha (0.26 ac)
Site Description:	Smaller fire station building (1 engine bay plus quarters) with landscaped yard. Immediately surrounded by paved streets with residential structures beyond.
Occupants:	Civilians and First Responders
Civilian Headcount:	10 to 20 (on foot, in addition to people in vehicles)
Civilian Vehicle Count:	20 to 30
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	Ace Hardware [<i>TRA-Q</i>]

Synopsis: As fire progressed west toward Clark Rd, several civilians arrived at Paradise Fire Station 82 as a safe location in the presence of first responders. Additionally, several rescued civilians were brought to the fire station for shelter and to await further transportation. A convoy of civilian vehicles was led to the Ace Hardware (*TRA-Q*) on Clark Rd when fire conditions on Pearson Rd allowed safe passage.

Time	Observation	Source
10:55–11:15	An engine is defending the station from embers and spot fires. First responders drop off rescued civilians at the fire station. Additionally, about 10 civilian vehicles are present, awaiting instructions for evacuation.	TD-020 TD-123 TD-124 TD-130
11:15–14:30	Several engines defend the area around the fire station with hose lines, putting out spot fires and blowing pine needles off the roof multiple times. Multiple additional civilians are brought to the station after being rescued.	TD-014 TD-112 TD-123 TD-124
12:00	Nominally 10 civilians are sheltering at the fire station. A convoy of 10 to 12 vehicles is escorted down Pearson Rd to Clark Rd to evacuate.	TD-014 TD-020 TD-112 TD-124
12:00–14:00	The station is used intermittently as a staging point for first responders and rescues through the afternoon.	TD-014 TD-123

Duration: 1 h 5 min

Pre-planned TRA: No

Roadway width: 10 m (33 ft) Pearson Rd; 7 m (23 ft) S Libby Rd

Fuels around TRA: Surrounding trees (0 m), trees NW (20 m), burned structure N (30 m), burned structure SE (38 m), burned structure W (28 m).

Suppression activity: Firefighters cleared debris from the roof and from around the structure and defended against embers and fire exposures to station.

Related TD: TD-014, TD-020, TD-112, TD-123, TD-124, TD-130

Related streets or keywords: Pearson Rd, S Libby Rd

Street-level view: View of Paradise Fire Station 82 at the intersection of Pearson Rd and S Libby Rd looking north.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



P. Walgreens

Date/Time:	November 8, 10:55–14:30
Location:	Skyway at Bille Rd, Paradise
Coordinates:	[39.769896, -121.611776]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Structure
Approx. Area of TRA:	0.55 ha (1.37 ac)
Site Description:	Inside the commercial pharmacy building and the surrounding parking lot. Located on the SE corner of the major roadway intersection (5 lanes by 3 lanes) at Skyway and Bille Rd.
Occupants:	Civilians and First Responders
Civilian Headcount:	100 to 140
Civilian Vehicle Count:	n/d
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	n/a

Synopsis: Widespread traffic gridlock impacted the Skyway corridor, including the area on Bille Rd west of Skyway. As fire progressed into the area and traffic was slow to advance south down Skyway, first responders directed civilians to the Walgreens parking lot and the inside of the store. Many civilians abandoned vehicles due to the gridlock and walked to the TRA. School buses and hand crew buses were utilized to transport people out of the fire area.

Time	Observation	Source
08:40	Traffic is building up on Bille Rd and Skyway as evacuation begins in earnest.	TD-105
09:30	The Bille Rd and Skyway intersection is gridlocked. Both lanes of Bille Rd are WB toward Skyway. Skyway north of Bille Rd is packed with traffic.	TD-127
10:30	Skyway and Bille Rd remain gridlocked. Law enforcement is directing traffic.	TD-055 TD-116
10:55–11:10	Firefighters determine a TRA is necessary as the fire is approaching the gridlocked traffic. A battalion chief has the help of 3 engines to gain access to the Walgreens building.	TD-022 TD-030 TD-055 TD-127
11:30	Firefighters are protecting the TRA, putting out bushes on fire, and shuttling people on foot to the TRA. First responders are trying to get as many vehicles out of the area as possible (via Skyway SB and Bille Rd EB to Clark Rd), therefore limiting the number of people who will have to shelter at the TRA.	TD-127 PPD

Time	Observation	Source
12:00–12:10	Traffic dissipates, first on Bille Rd, followed by Skyway.	TD-055
12:30	Two school buses are used to transport civilians from the TRA. First responders use glow sticks to lead 98 people to the buses. About 15 to 20 people remain at the TRA.	TD-055
12:45	Additional buses are requested to the Walgreens.	TD-055 TD-127
12:55–13:22	A hand crew bus is unloaded and filled with the remaining civilians. The crew bus departs to transport civilians to Chico.	TD-014 TD-030 TD-055 TD-127
14:00–14:30	By early afternoon the TRA has cleared.	TD-015 TD-065 TD-118 PPD

Duration: 3 h 35 min

Pre-planned TRA: No

Roadway width: 17 m to 20 m (56 ft to 66 ft) Skyway; 11 m (36 ft) Bille Rd

Fuels around TRA: Trees E (10 m), trees S (50 m), landscaping N and W around building (20 m), burned structures E (30–40 m), burned structure W (80 m), burned structure NE (85 m).

Suppression activity: Defensive actions were taken to protect the Walgreens structure from fire exposures from nearby burning vehicles, structures, and vegetation.

Related TD: TD-014, TD-015, TD-022, TD-030, TD-055, TD-065, TD-105, TD-116, TD-118, TD-127, PPD

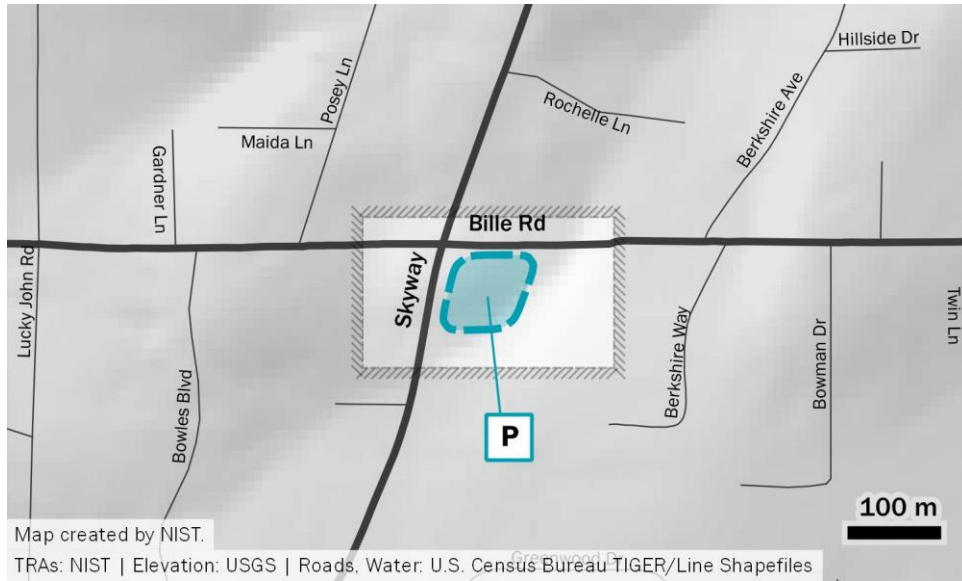
Related streets or keywords: Bille Rd, Skyway

Street-level view: View of the Walgreens store and parking lot from the intersection of Skyway Rd and Bille Rd looking southeast.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



Q. Ace Hardware

Date/Time:	November 8, 11:14–13:00
Location:	Clark Rd at Pearson Rd, Paradise
Coordinates:	[39.751828, -121.607314]
Formation Urgency:	Low !
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.53 ha (1.30 ac)
Site Description:	Large parking lot at the SE corner of the major intersection of Clark Rd and Pearson Rd. Large commercial hardware store with additional outdoor storage yard on south side. No ornamental vegetation.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	n/d
Related Burnover(s):	Clark Rd / American Way [<i>BO #10</i>] 1.0 km to 2.1 km (0.6 mi to 1.3 mi)
Related TRA/ Safety Zone:	Fire Station 82 [<i>TRA-O</i>]

Synopsis: Civilians were directed to the large parking area at the Ace Hardware store as a temporary staging area when fire conditions prevented egress south via Clark Rd and east via Pearson Rd, and traffic was backed up westbound towards Skyway. Civilians from other TRAs (*TRA-O*) or who were rescued were also directed or transported here to the location on Clark Rd as an intermediate step of their evacuation to be closer to a main roadway.

Time	Observation	Source
11:00–11:30	Fire is burning across Clark Rd at the south end of town between Lanser Dr and Round Valley Ranch Rd. Firefighters shut down Clark Rd; it is impassable with zero visibility and flames. Observed flame lengths are 15 m (50 ft).	TD-034 TD-100 TD-101 TD-211
11:14	A firefighter advises civilians to drive vehicles back north to the parking lot at Ace to get off the road.	TD-100
11:30–13:00	Paradise Public Works personnel wait at Ace parking lot rather than in traffic on WB Pearson until CHP arrives and advises Clark Rd is passable.	TD-035
11:39	Law enforcement announces on the radio that several units are at Pearson Rd and Clark Rd with fire approaching from the east and they will have to shelter in place by the Ace Hardware.	PPD
11:45–11:52	Fire is approaching within 100 m (330 ft) of the Ace from the northeast and the south. The Ace storage units behind the main structure are burning and an engine deploys a hose line to protect the main structure.	TD-130

Time	Observation	Source
12:00	Civilians from the TRA at Fire Station 82 (<i>TRA-O</i>) are escorted to the Ace Hardware parking lot to await further escort from law enforcement.	TD-020 TD-112
13:00	A first responder arrives from south on Clark Rd and advises the road is passable. A large group of cars evacuates down Clark Rd.	TD-035
13:30–15:00	First responders use the parking lot as a staging/meeting area through the afternoon and defensive actions of the Ace structure continue.	TD-020 TD-123 TD-132 TD-133 TD-135 TD-141 TD-142 TD-209

Duration: 1 h 46 min

Pre-planned TRA: No

Roadway width: 22 m (72 ft) Clark Rd and Pearson Rd

Fuels around TRA: Trees/shrubs E and S (0 m), burned structure NE (8 m), burned structure E (40 m), burned structure W (38 m).

Suppression activity: Firefighters conducted defensive actions to protect the main commercial structure from the nearby burning vegetation and stored materials.

Related TD: TD-020, TD-034, TD-035, TD-100, TD-101, TD-112, TD-123, TD-130, TD-132, TD-133, TD-135, TD-141, TD-142, TD-209, TD-211, PPD

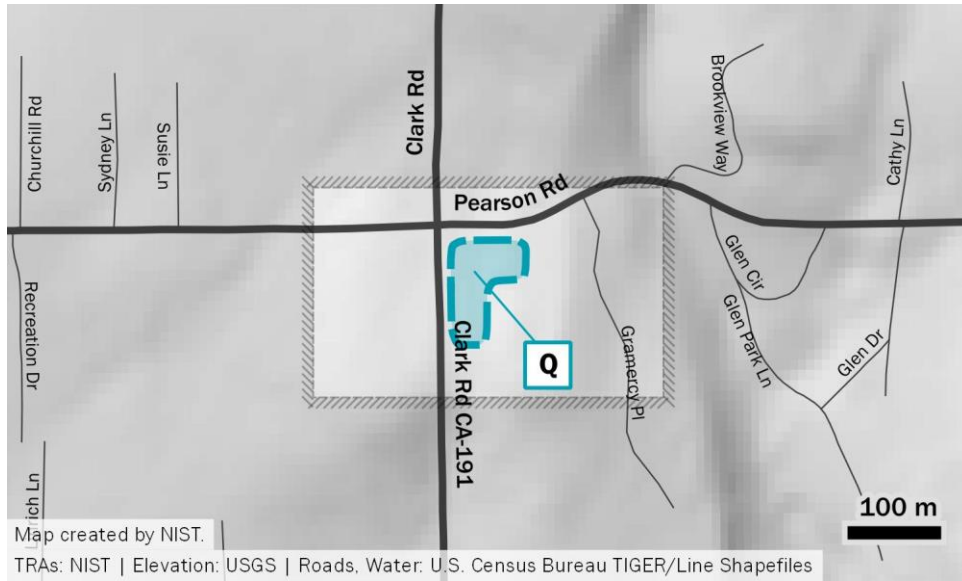
Related streets or keywords: Clark Rd, Pearson Rd

Street-level view: View of the Ace Hardware store parking lot from Clark Rd, looking northeast from south of Pearson Rd.

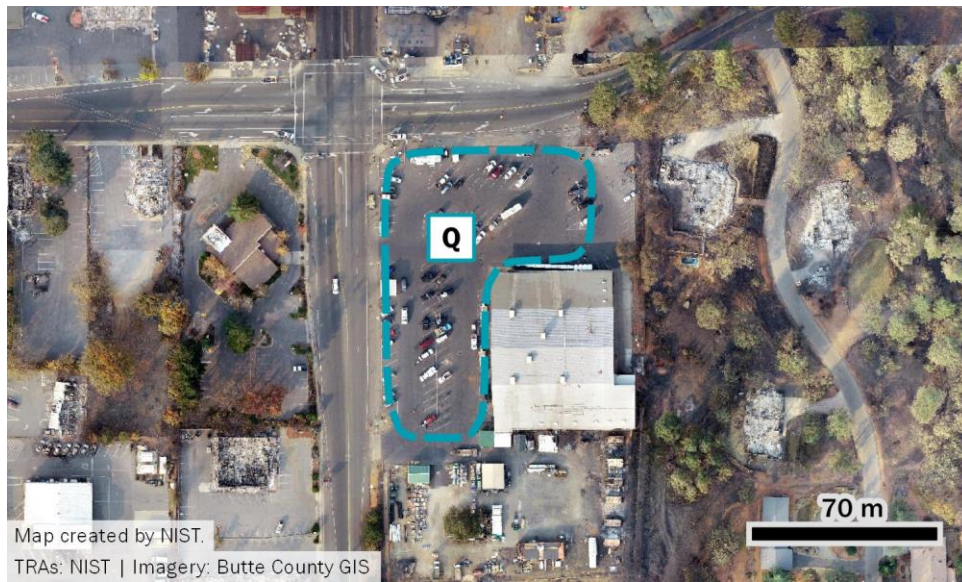
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



R. Beyond Fitness

Date/Time:	November 8, 11:15–12:30
Location:	Pentz Rd 700 m (0.4 mi) north of Wagstaff Rd, Paradise
Coordinates:	[39.784352, -121.578774]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.34 ha (0.83 ac)
Site Description:	Small, narrow parking area between a commercial building and a small private school. Ornamental vegetation surrounds the parking area. There are larger grass fields nearby.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	3
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	Paradise Plaza [<i>TRA-K</i>]

Synopsis: Firefighters directed several civilian vehicles to the parking area at the Beyond Fitness gym for safe refuge as the Pentz Rd corridor was being impacted by fire. First responders checked on the civilians several times before the civilians evacuated the TRA.

Time	Observation	Source
11:15–11:33	A Battalion Chief identifies the parking lot as a potential TRA. Vegetation in the lot has already burned. The school building to the south is on fire. Two civilian vehicles arrive in the lot.	TD-009
11:30	The gym building is on fire, nearly 30% of the structure is burning.	TD-009
11:55	The two civilian vehicles are still sheltering at the TRA.	TD-009
12:06	A third civilian vehicle is directed to the lot.	TD-009
12:30	The vehicles are escorted to the Paradise Plaza TRA (<i>K</i>) where more resources and evacuees are located.	TD-015

Duration: 1 h 15 min

Pre-planned TRA: No

Roadway width: 8 m (26 ft) Pentz Rd

Fuels around TRA: Trees/shrubs around parking lot (0 m), burned gym structure N (0 m), burned structure N (65 m), burned structure SE (30 m), burned structure S (6 m), burned structure W (45 m), burned structure NW (80 m).

Suppression activity: None

Related TD: TD-009, TD-015

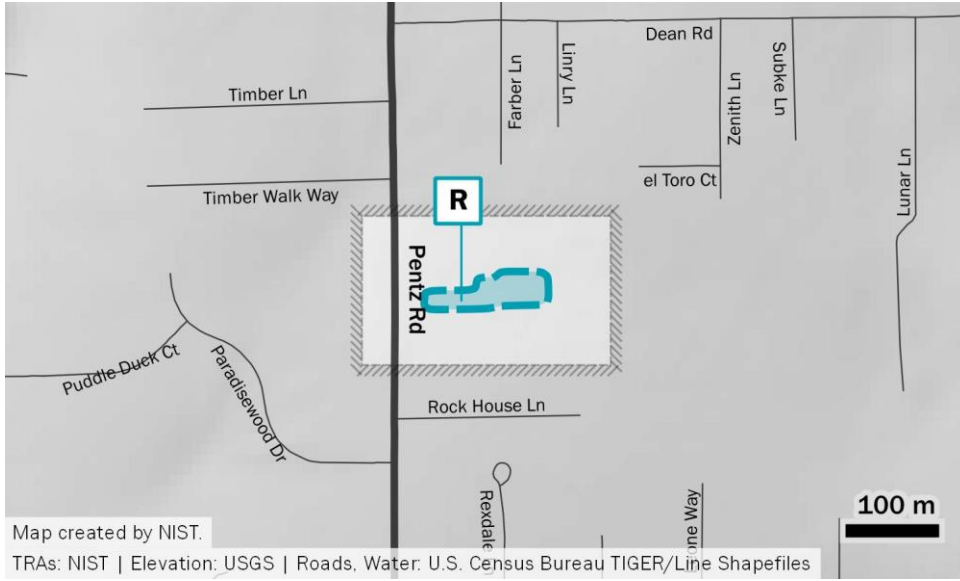
Related streets or keywords: Pentz Rd

Street-level view: View of the parking lot at the Beyond Fitness gym parking lot TRA, looking east from Pentz Rd.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



S. Optimo

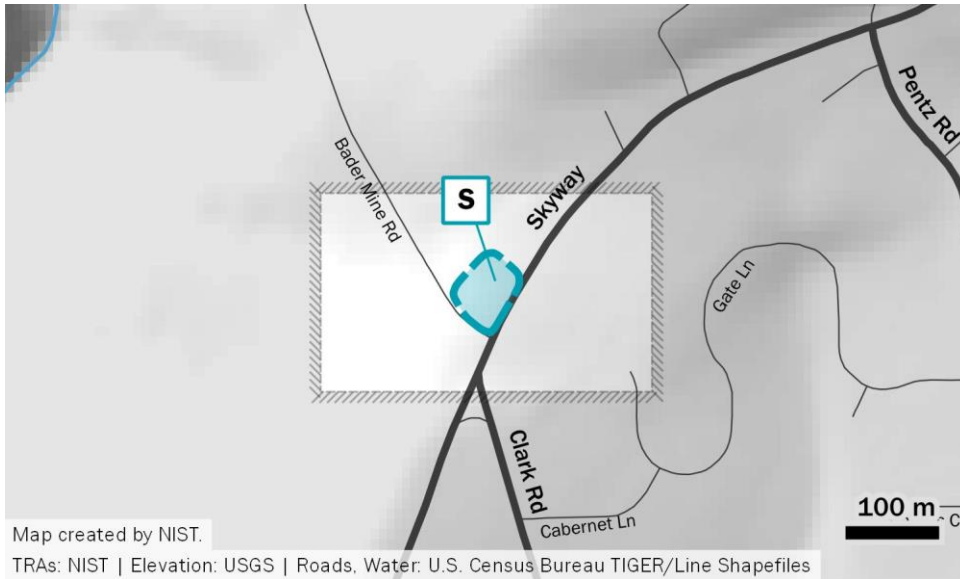
Date/Time:	November 8, 11:15–16:30
Location:	Skyway at Clark Rd, Paradise
Coordinates:	[39.798183, -121.585289]
Formation Urgency:	Low !
Hazard Level:	Moderate ▲▲
TRA Type:	Structure
Approx. Area of TRA:	0.34 ha (0.83 ac)
Site Description:	Concrete parking area surrounded by 3 commercial structures. Two of the structures were still unfinished on the inside. A large self-storage facility is located to the north. Residential structures with vegetated lots are located to the east. A gas station and additional commercial structures located to the south. Parking area located just north of major intersection of Skyway and Clark Rd.
Occupants:	Civilians and First Responders
Civilian Headcount:	180 to 220
Civilian Vehicle Count:	n/d
Related Burnover(s):	Skyway (upper) [<i>BO #4</i>] 0.5 km to 1.5 km (0.3 mi to 0.9 mi)
Related TRA/ Safety Zone:	Paradise Plaza [<i>TRA-K</i>]
Synopsis:	Backed up traffic on Skyway up to Clark Rd, combined with the traffic from Magalia and northeast Paradise led to widespread gridlock in the area of Skyway and Clark Rd. As fire reached the area and there were no passable roadways, civilians were directed to gather on foot at the parking area of the Optimo restaurant. As nearby buildings caught fire in the early afternoon, access was made to newly constructed, yet unfinished, commercial structures to refuge inside. In the late afternoon, civilians were led south on Clark Rd toward the TRA at Paradise Plaza (<i>TRA-K</i>) before evacuating the fire area.

Time	Observation	Source
08:30	A spot fire ignites in the area of Clark Rd and Skyway. Evacuation is also beginning to accelerate, and traffic is heavy.	911-141-1 911-141-2 911-152-1 911-153-1 911-155-1 911-164-1 VTD-12
09:20	Traffic is jammed at the Clark Rd and Skyway intersection. Fire is burning across Skyway south of Clark Rd. Law enforcement is directing traffic, trying to alternate between Skyway and Clark Rd. Cars occasionally use the bike path instead.	TD-022 TD-067 PPD
10:10	Traffic is still backed up at the intersection. At least 200 civilians are stuck in the area. Police call for medical assistance of a pregnant woman.	TD-074 TD-067 PPD VTD-32
10:42	BCSO and Butte EMS are able to weave through the traffic and evacuate the woman. Traffic is still stopped, and several hundred civilians are still in the area.	PPD VTD-32 VTD-13
11:00–11:25	While not immediately threatened at Clark Rd and Skyway, fire is surrounding the area and the roadways are impassable. Traffic is being held in place.	TD-041 TD-061 PPD
11:15–11:35	First responders identify the parking lot at the Optimo restaurant and unfinished commercial buildings as a TRA.	TD-041 TD-061 TD-067 PPD
11:35–11:55	Law enforcement gathers civilians from vehicles, and they walk to the parking lot (some people walk > 400 m [0.25 mi]).	TD-041 TD-067 PPD
12:00	Approximately 200 civilians are assembled at the TRA. Their vehicles are abandoned in the roadway (on Skyway, Clark Rd, Cabernet Ln, and Gate Ln). Fire is burning closer to the TRA now, at the storage facility to the north, and just south of Cabernet Ln to the south.	TD-041 TD-067 TD-075 PPD
13:00–14:00	An engine arrives from the south on Skyway and a few civilian vehicles drive south. A second engine arrives and stops sending people south. There is too much fire. The engines only stay a few minutes. Spot fires are igniting around the TRA as more significant fire is progressing closer to the TRA. The Optimo building also ignites but is able to be extinguished.	TD-015 TD-041 TD-067 TD-075 TD-127 PPD
14:00	An engine strike team arrives. Fire is burning structures and vegetation across the street, threatening the gas station on the corner. Firefighters gain access to the unfinished commercial building at the TRA, and civilians shelter inside.	TD-041 TD-067 TD-075 TD-111 TD-126 TD-127 TD-128 TD-200 TD-203 TD-207

Time	Observation	Source
14:20	Structures to the east of the TRA are fully involved. Firefighters make access to a second building to use as a shelter, on the west side of the parking lot, further from the gas station. Additional engines arrive to work on fires around the TRA.	TD-041 TD-067 PPD
14:45–15:15	Fire has burned many of the buildings immediately around the TRA. Fire engines are providing protection and the fire intensity is generally reducing. Clark Rd and Skyway are still blocked by smoke, fire, debris, or powerlines.	TD-067 TD-127 PPD
16:20	First responders communicate about evacuation of the TRA as Clark Rd has become passable.	TD-015 TD-127
16:30	Evacuation of the TRA begins. Civilians drive their vehicles in a convoy led by first responders down Clark Rd to the Kmart at Wagstaff Rd (Paradise Plaza, <i>TRA-K</i>), and then to Chico via Skyway.	TD-067 TD-108 TD-127 TD-200
16:50–17:00	Heavy equipment clears a path through the remaining abandoned vehicles on Clark Rd so that a convoy of transit buses may pass through to the Kmart. The convoy comes north up Skyway and then turns south on Clark Rd.	TD-049 TD-056 TD-067
17:00–17:30	A transit bus waits for any civilians, but there are none left to transport. There are no civilians left at the TRA.	TD-049 TD-201

Duration:	5 h 15 min
Pre-planned TRA:	No
Roadway width:	15 m (50 ft) Skyway
Fuels around TRA:	Trees/shrubs SE across Skyway (20 m), trees SW (60 m), burned structure E (30 m), burned structure SE (43 m), burned structure NE (60 m).
Suppression activity:	Firefighters put out spot fires and suppressed a structure ignition at the TRA. Additional firefighting operations were conducted on surrounding commercial structures to prevent fire from encroaching on the TRA.
Related TD:	TD-015, TD-022, TD-041, TD-049, TD-056, TD-061, TD-067, TD-074, TD-075, TD-108, TD-111, TD-126, TD-127, TD-128, TD-200, TD-201, TD-203, TD-207, VTD-12, VTD-13, VTD-32, PPD, 911-141-1, 911-141-2, 911-152-1, 911-153-1, 911-155-1, 911-164-1
Related streets or keywords:	Skyway, Clark Rd, Bader Mine Rd, Cabernet Ln, Gate Ln, Optimo, Fastrip (gas station)
Street-level view:	View of the parking lot area across the street from the Fastrip gas station where the under-construction commercial buildings and parking lot were used as a TRA. Outdated pre-fire imagery does not show the concrete parking area or new buildings under construction.
Pre-fire imagery links:	Google Maps Street View , Bing Maps Streetside
Post-fire imagery links:	Google Maps Street View

Street map:



Satellite view:



T. Best Western

Date/Time:	November 8, 11:30–13:11
Location:	Clark Rd 700 m (0.4 mi) south of Pearson Rd, Paradise
Coordinates:	[39.746491, -121.608112]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.70 ha (1.74 ac)
Site Description:	Hotel parking lot. Surrounded by ornamental vegetation and hotel building. Larger parking lot to the south was also identified as an additional area if needed for more space or to relocate to reduce exposure.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	15 to 20
Related Burnover(s):	Clark Rd / American Way [<i>BO #10</i>] 0.4 km to 1.4 km (0.2 mi to 0.9 mi)
Related TRA/ Safety Zone:	n/a

Synopsis: Intense fire burning out of the canyon east of Clark Rd south of Paradise impacted evacuating traffic and closed the roadway. First responders directed vehicles to return north toward Paradise. Firefighters accompanied a number of vehicles to the parking lot of the Best Western hotel. Once conditions improved on Clark Rd, firefighters escorted convoys of civilians out of the fire area to Durham-Pentz Rd.

Time	Observation	Source
11:00–11:30	Fire is burning across Clark Rd at the south end of town between Lanser Dr and Round Valley Ranch Rd. Firefighters shut down Clark Rd; it is impassable with zero visibility and flames. Observed flame lengths are 15 m (50 ft).	TD-034 TD-100 TD-101 TD-211
11:30	An engine escorts civilian vehicles to shelter in the parking lot. Several engines are protecting the property. Vegetation and nearby structures are burning. Gusty winds are 9 m/s to 13 m/s (20 mi/h to 30 mi/h) blowing embers. 15 to 20 vehicles are in the parking lot.	TD-208 TD-211
12:00	Firefighters are sheltering civilians at the Best Western and are surrounded by fire. Clark Rd south is blocked. Firefighters identify the parking lot of the bowling alley, next to the Best Western, as an additional TRA if necessary.	TD-211
12:54	Firefighters hear that Clark Rd near American Way is opened up and vehicles from the Best Western can be evacuated.	TD-208 TD-211
13:11–13:27	Engines escort civilian vehicles from the Best Western down Clark Rd to Durham-Pentz Rd and out of the fire.	TD-208 TD-210

Duration: 1 h 41 min

Pre-planned TRA: No

Roadway width: 11 m (33 ft) Clark Rd

Fuels around TRA: Trees and landscaping around building (0 m), trees W (14 m), trees N (20 m), burned structure N (24 m), burned structure NE (80 m), burned structure SE (80 m), burned structure NW (60 m).

Suppression activity: Firefighters defended the hotel structure from vegetation fire and also suppressed fire on the roof of the hotel.

Related TD: TD-034, TD-100, TD-101, TD-208, TD-210, TD-211

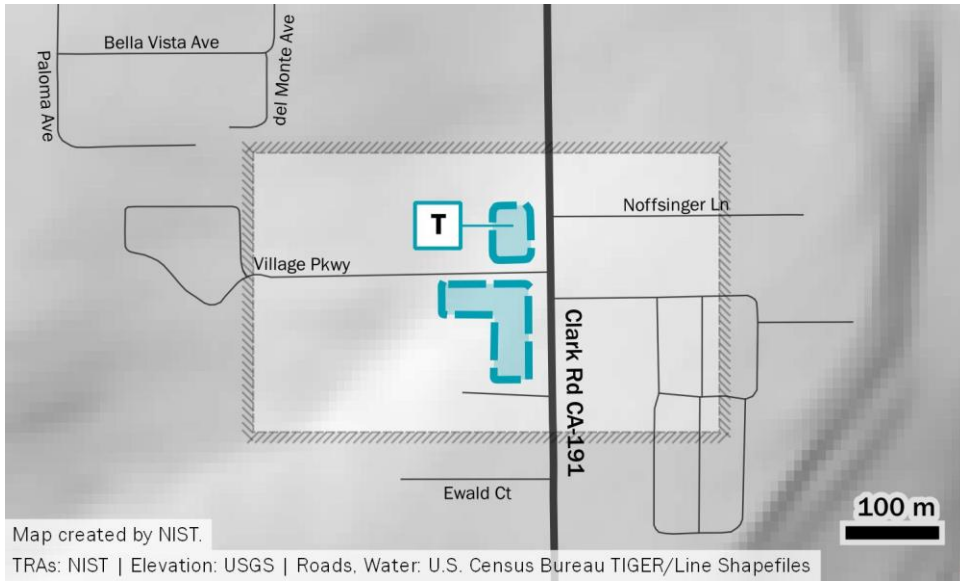
Related streets or keywords: Clark Rd

Street-level view: View of the Best Western parking lot from Clark Rd.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



U. Magalia Community Church

Date/Time:	November 8, 12:15–12:41 and November 9, 01:30–03:30
Location:	Old Skyway, Magalia
Coordinates:	[39.807299, -121.578685]
Formation Urgency:	Moderate !!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.57 ha (1.41 ac)
Site Description:	Large gravel lot partially surrounded by trees, with additional cleared areas beyond, including cemetery and large commercial structure (church community hall).
Occupants:	Civilians and First Responders*
Civilian Headcount:	n/d
Civilian Vehicle Count:	n/d
Related Burnover(s):	*Coutolenc Rd [<i>BO #16</i>] 0.5 km to 1.2 km (0.3 mi to 0.8 mi)
Related TRA/ Safety Zone:	*Skyway and Coutolenc Rd [<i>TRA-BB</i>]

Synopsis: The large gravel parking area next to the Magalia Community Church was used at least two separate times as a temporary refuge area. In the morning, when fire was first burning in the Old Magalia neighborhood, firefighters reported that many civilians were gathered in the gravel lot because Skyway southbound was generally impassable. Overnight, the fire intensity increased and the fire ran north and west into Magalia. Firefighters located at Coutolenc Rd retreated to the gravel lot at the church as an area of reduced fire exposure.

Time	Observation	Source
12:16–12:41	Fire is burning through Old Magalia area. Lots of civilians are gathered at the Magalia Church. Several fire engines are present defending the old fire station and the church.	TD-009 TD-060 TD-079
00:53–01:17	Fire in the West Branch canyon blows up. A strong wind (22 m/s [50 mi/h]) pushes fire NW out of the canyon toward Coutolenc Rd and Magalia. Softball-sized embers are observed. Homes are igniting.	TD-061 TD-125 TD-126
01:30	The fire blows up in the West Branch canyon and fire blows NW over Coutolenc Rd and into Magalia. Several fire engines must leave the intersection of Coutolenc Rd and Skyway due to the intense fire exposures.	TD-043 TD-087
01:30–03:30	A group of engines takes refuge in the large gravel lot near the Community Church.	TD-043 TD-087

NIST TN 2252 sup
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Duration: 0 h 26 min, 2 h 0 min

Pre-planned TRA: No

Roadway width: 8 m (26 ft) Old Skyway

Fuels around TRA: Trees N (6 m), trees E (10 m), trees SW (12 m), burned structure N (60 m).

Suppression activity: Defensive actions were taken in the area near the Community Church.

Related TD: TD-009, TD-043, TD-060, TD-061, TD-079, TD-087, TD-125, TD-126

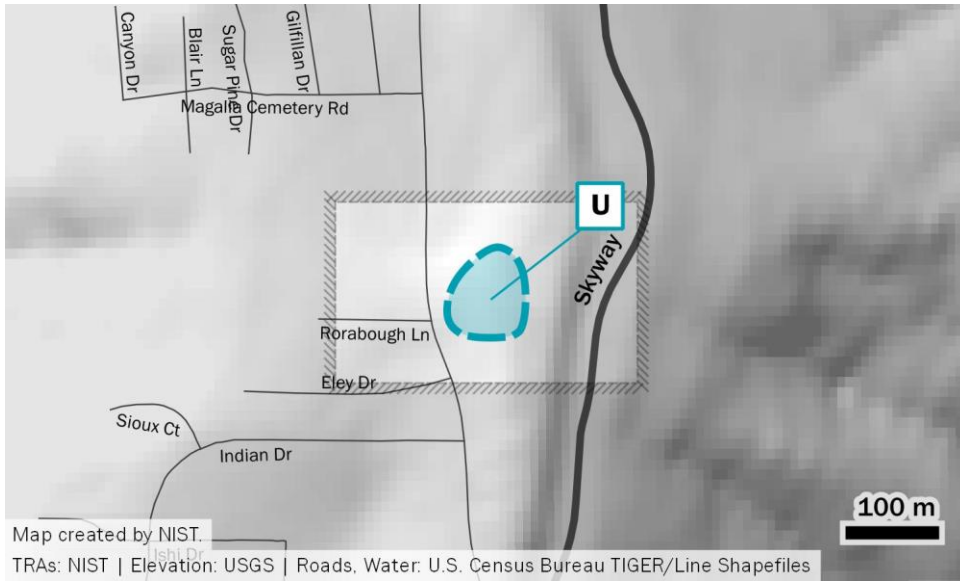
Related streets or keywords: Old Skyway

Street-level view: View of the large gravel parking area used as the TRA.

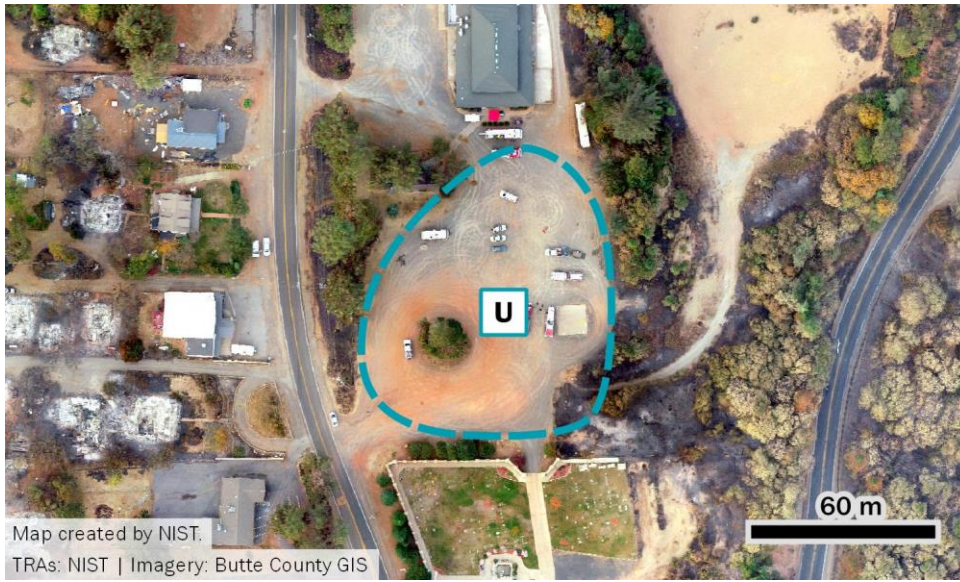
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



V. CMA Church

Date/Time:	November 8, 12:20–17:25
Location:	Clark Rd between Wagstaff Rd and Clark Rd, Paradise
Coordinates:	[39.773538, -121.595902]
Formation Urgency:	Low !
Hazard Level:	Low ▲
TRA Type:	Parking Lot
Approx. Area of TRA:	2.56 ha (6.34 ac)
Site Description:	Large parking lot (approximately 500 marked parking spaces) of a large church building. Minimal ornamental vegetation. Bordered on the east side by 5 lane wide Clark Rd.
Occupants:	Civilians and First Responders
Civilian Headcount:	n/d
Civilian Vehicle Count:	50 to 250
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	Paradise Plaza [<i>TRA-K</i>]

Synopsis: The CMA Church on Clark Rd has one of the largest parking lots in Paradise, comparable in size to the Paradise Plaza Shopping Center parking lot (*TRA-K*), and was a pre-designated Public Assembly Point defined in the Paradise evacuation plan. The parking lot was used as a drop-off point for rescued civilians and also a staging area for civilian vehicles in the afternoon. This TRA was merged with the Paradise Plaza TRA before a large convoy was escorted out of the fire area.

Time	Observation	Source
12:00	It is not obvious from a dashcam view on Clark Rd that the TRA is active. Visibility is slightly reduced and hazy with smoke in the immediate area, but there is no observable fire activity from Clark Rd.	PPD
12:20	An engine brings a resident and their dogs to the TRA. Other civilians are present.	TD-111
12:27–13:30	The parking lot is observed to be about half full, estimated at several hundred vehicles.	TD-017
14:25–14:56	The parking lot is observed to be full.	TD-065
16:35	Vehicles are being evacuated from the CMA Church TRA to consolidate at the Paradise Plaza TRA (<i>K</i>) in preparation for a caravan out.	TD-065 TD-127
17:25	All vehicles have moved from CMA to Paradise Plaza.	TD-127
20:35	An engine encounters a person at the empty parking lot and advises them to go to the Paradise Plaza TRA to get on a bus to evacuate.	TD-205

Duration: 5 h 5 min

Pre-planned TRA: Yes – designated Public Assembly Point

Roadway width: 17 m (55 ft) Clark Rd

Fuels around TRA: Surrounding trees (0-50 m), burned structures N (> 15 m), burned structure W (30 m), burned structure E (70 m), trees E (30 m), trees W and N (0 m).

Suppression activity: Defensive actions were taken at the church.

Related TD: TD-017, TD-065, TD-111, TD-127, TD-205, PPD

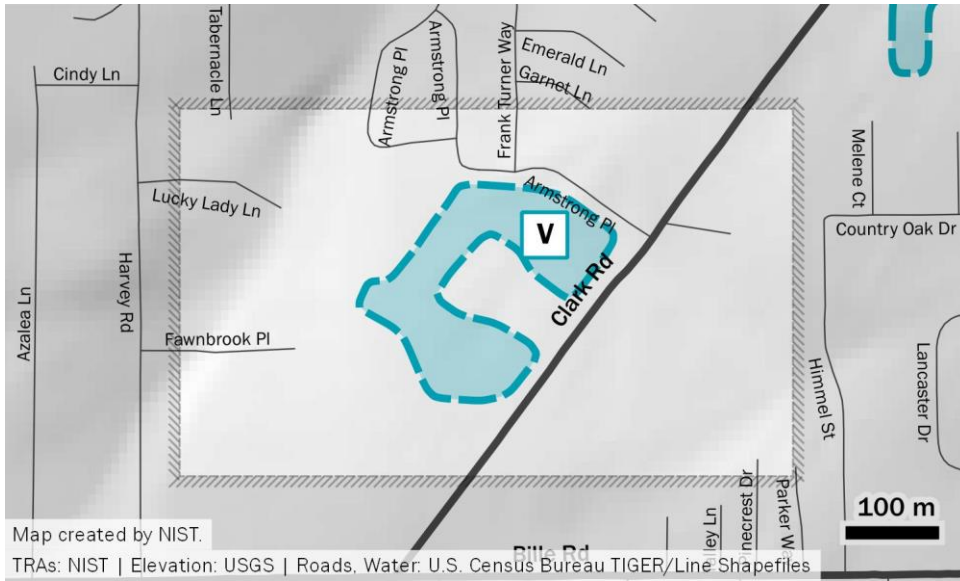
Related streets or keywords: Clark Rd

Street-level view: View of the church building and surrounding parking lots. View from Clark Rd.

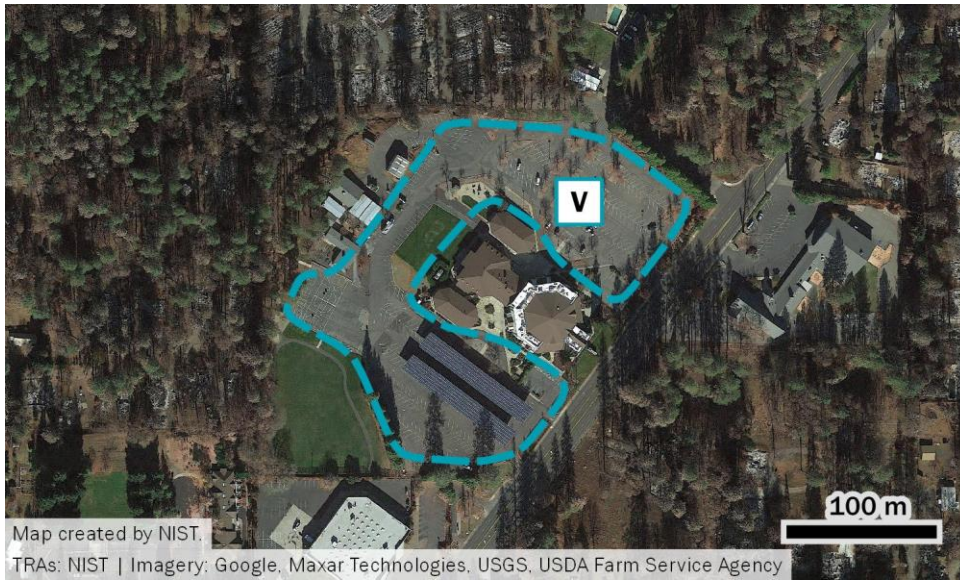
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



W. Paradise Shopping Center

Date/Time:	November 8, 13:00–15:30
Location:	Skyway near Oliver Rd, 500 m (0.3 mi) north of Elliott Rd, Paradise
Coordinates:	[39.763001, -121.620337]
Formation Urgency:	Low !
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.75 ha (1.86 ac)
Site Description:	Large commercial parking lot (approximately 200 marked spaces). No ornamental vegetation. Surrounded by commercial shopping center structures and Skyway (5 lanes wide).
Occupants:	Civilians and First Responders
Civilian Headcount:	20 to 40
Civilian Vehicle Count:	n/d
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	n/a

Synopsis: Civilians in the area were directed to the parking area at the Paradise Shopping Center on Skyway as fire progressed west along Elliott Rd in the early afternoon. As fire approached the TRA, it was determined that it was no longer a safe location and civilians were transported out of the fire area using several law enforcement vehicles.

Time	Observation	Source
13:00–15:00	Civilians are sent to take refuge in the large parking lot at the Holiday Market. Approximately 20 civilians are present, many without vehicles. Some have animals, including a horse.	TD-011
		TD-036
		TD-065
		TD-071
		TD-076
14:40	Fire is encroaching on the TRA, and law enforcement decide that it is no longer safe, and it is time to evacuate.	PPD
		TD-071
		TD-118
14:40–15:30	Law enforcement transport several civilians to Chico using police cruisers.	PPD
		TD-011
		TD-066
		TD-069
		TD-108
		PPD

NIST TN 2252 sup
July 2023

Duration: 2 h 30 min

Pre-planned TRA: No

Roadway width: 18 m (59 ft) Skyway

Fuels around TRA: Trees E and S (0 m), burned structure S (11 m), burned structure E (30 m), burned structure N (65 m).

Suppression activity: None

Related TD: TD-011, TD-036, TD-065, TD-066, TD-069, TD-071, TD-076, TD-108, TD-118, PPD

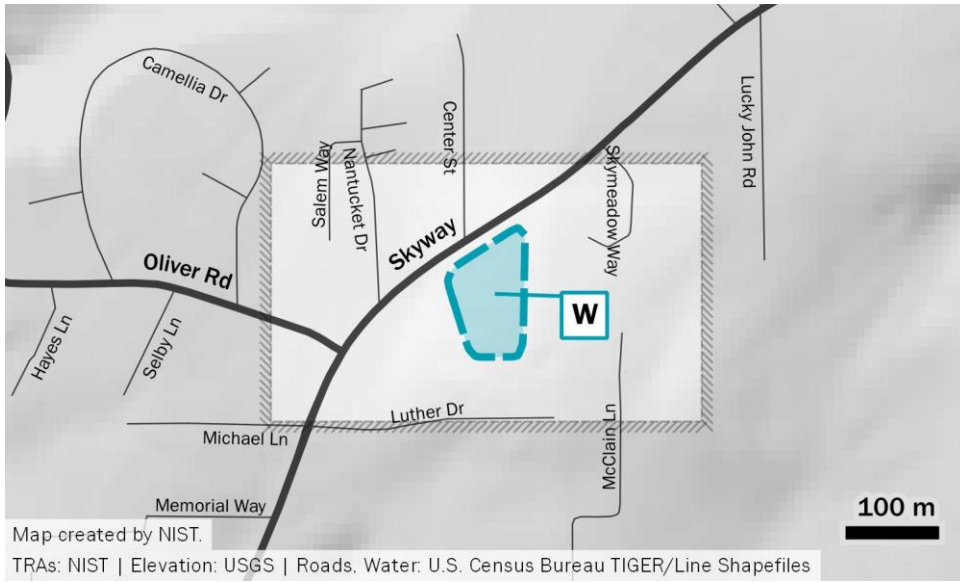
Related streets or keywords: Skyway

Street-level view: View of the large parking lot and commercial buildings at Paradise Shopping Center.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



X. Firland Drive

Date/Time: November 8, 13:34–13:58
Location: Firland Dr at Skyway, 660 m (0.4 mi) north of Wagstaff Rd, Paradise
Coordinates: [39.782582, -121.601611]
Formation Urgency: Moderate !!
Hazard Level: Moderate ▲▲
TRA Type: Roadway
Approx. Area of TRA: 0.11 ha (0.28 ac)
Site Description: Near intersection of a street off Skyway north of Wagstaff Rd. Corner residential lot with paved driveway and clear yard along Skyway.

Occupants: First Responders
Civilian Headcount: n/a
Civilian Vehicle Count: n/a

Related Burnover(s): Skyway (upper) [BO #4] 0 m to 700 m (0 mi to 0.4 mi)
Related TRA/ Safety Zone: n/a

Synopsis: An engine strike team heading north on Skyway to access the Optimo TRA (TRA-S) encountered intense fire blocking the roadway and were unable to pass. Firefighters found a cleared area at the intersection of Firland Dr where they waited for fire intensity to decrease before progressing further north to Clark Rd.

Time	Observation	Source
13:34–13:58	An engine strike team stages at Firland Dr and Skyway. Fire is burning intensely all around; multiple structures are involved. Visibility is less than 23 m (75 ft).	TD-203 TD-205 TD-206 TD-207

Duration: 0 h 24 min

Pre-planned TRA: No

Roadway width: 7 m (23 ft) Skyway and Firland Dr

Fuels around TRA: Trees/shrubs S and E (0 m), burned structure N (0 m), burned structure W (0 m), burned structure S (20 m), burned structure E (20 m).

Suppression activity: None

Related TD: TD-203, TD-205, TD-206, TD-207

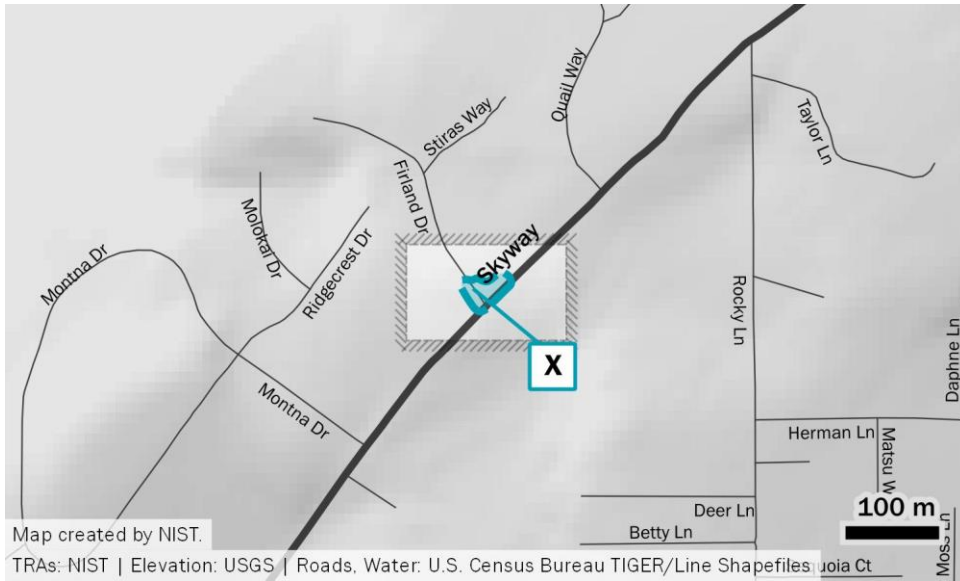
Related streets or keywords: Skyway

Street-level view: View of Firland Dr, where fire engines parked to wait for high exposures on Skyway to subside.

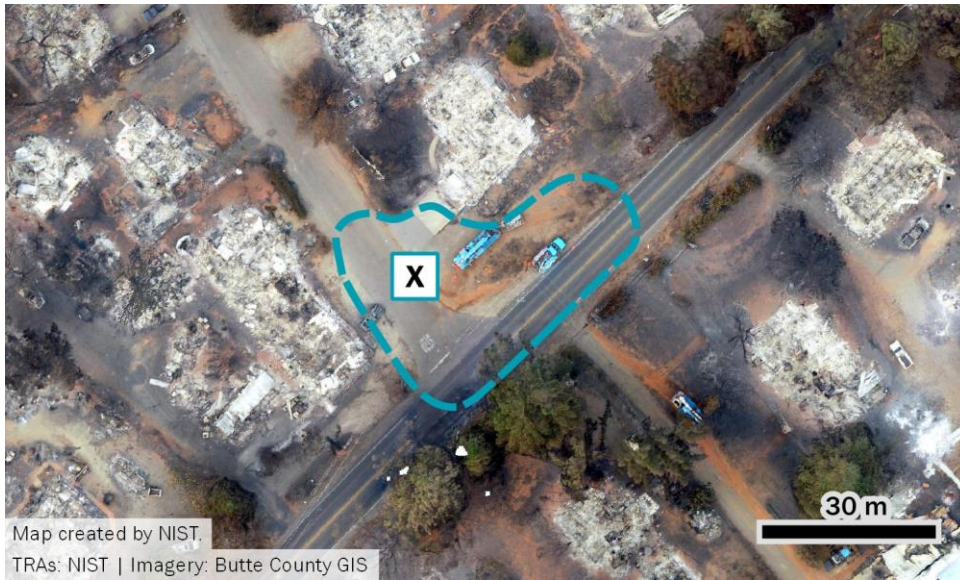
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



Y. Magalia Pines Baptist Church

Date/Time:	November 8, 13:37–23:00
Location:	Lakeridge Cir, Magalia
Coordinates:	[39.816126, -121.591028]
Formation Urgency:	Low !
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.93 ha (2.31 ac)
Site Description:	Parking lot of church, and potentially inside the building. Approximately 120 total parking spaces on two sides of the building. There is some ornamental vegetation and tall pine trees on the property.
Occupants:	Civilians and First Responders
Civilian Headcount:	80 to 130
Civilian Vehicle Count:	n/d
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	Paradise Plaza [<i>TRA-K</i>]

Synopsis: The parking area of the Magalia Pines Baptist Church was used as a gathering point/refuge area beginning in the early afternoon for evacuating Magalia residents. The location was also used as a refuge overnight when the fire ran through Magalia and impacted the area around Lakeridge Cir and Ponderosa Way.

Time	Observation	Source
13:37–14:42	An engine is patrolling Magalia using the PA; people had evacuated to Rite Aid/ Church, probably 50 to 60 people.	TD-079
17:00–22:55	Buses were used to transport people from the church to the Paradise Plaza TRA (<i>K</i>), where full-sized B-Line transit buses were staged. One driver filled up 3 trips (25-person capacity).	VTD-08
01:50–06:59	Several engines protect the church in the early morning as fire burned structures in the area. Approximately 30 civilians are refuging at the TRA. Engines are directing civilians throughout Magalia to go to the church TRA.	TD-109 TD-122 TD-123 TD-124

NIST TN 2252 sup
July 2023

Duration: 9 h 23 min

Pre-planned TRA: No

Roadway width: 10 m (33 ft) Lakeridge Cir

Fuels around TRA: Trees/shrubs (0 m), trees N and W (10 m), trees E (15 m), burned structure E (35 m), burned structure SW (65 m), burned structure W (55 m).

Suppression activity: Firefighters patrolled the area and conducted unspecified defensive actions.

Related TD: TD-079, TD-109, TD-122, TD-123, TD-124, VTD-08

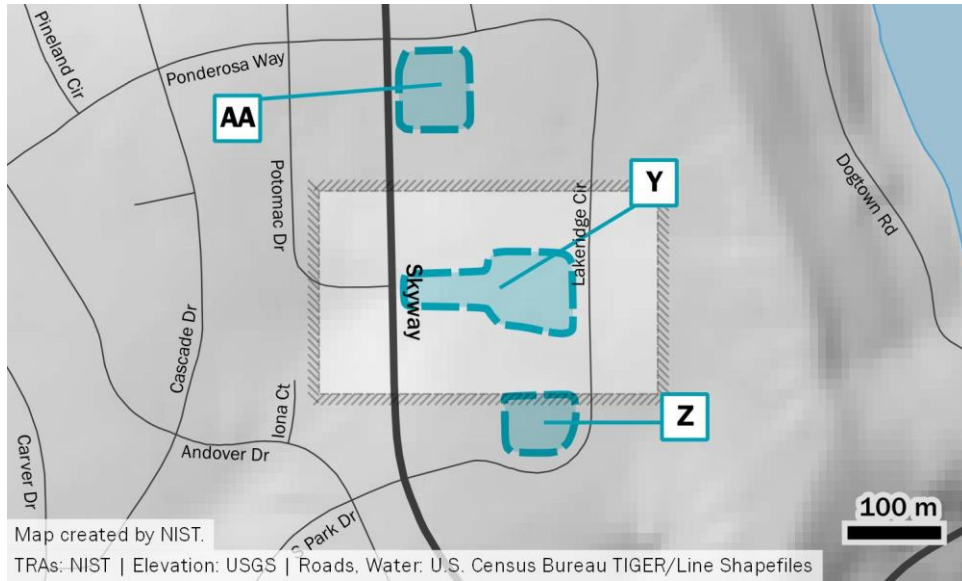
Related streets or keywords: Lakeridge Cir

Street-level view: View of the Magalia Pines Baptist Church TRA parking lot entrance on Lakeridge Cir looking west towards the church.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



Z. Magalia Sav-Mor

Date/Time:	November 8, 17:15–22:00
Location:	Lakeridge Cir, Magalia
Coordinates:	[39.814894, -121.590513]
Formation Urgency:	Low !
Hazard Level:	Low ▲
TRA Type:	Parking Lot
Approx. Area of TRA:	0.39 ha (0.95 ac)
Site Description:	Parking lot of commercial grocery store (approximately 90 marked parking spaces). Bordered on one side by tall pine trees with clear understory, one side by commercial building, and the other two sides by green lawn and roadway.
Occupants:	Civilians and First Responders
Civilian Headcount:	10 to 40
Civilian Vehicle Count:	n/d
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	Paradise Plaza [<i>TRA-K</i>]

Synopsis: The parking lot at the Sav-Mor was used by civilians who had evacuated their homes but had nowhere to go since the southern Skyway route was impassable. This TRA is nearby to other TRAs (*TRA-Y*, *TRA-AA*) which were also active at the same time. Civilians were transported to the Paradise Plaza (*TRA-K*) in the evening when public transit buses were coordinated to assist with evacuations.

Time	Observation	Source
17:15–22:00	Civilians are being assembled at the parking lot at the Sav-Mor grocery store as well as the neighboring Baptist church. B-Line Paratransit buses are used to shuttle civilians (including several in wheelchairs or with pets) to the Paradise Plaza (<i>TRA-K</i>) to transfer into a large transit bus for evacuation.	TD-059 TD-114

Duration: 4 h 45 min

Pre-planned TRA: No

Roadway width: 10 m (33 ft) Lakeridge Cir

Fuels around TRA: Trees/forest E and S (20 m), trees W (0 m), landscaping ornamental throughout parking lot (0 m).

Suppression activity: n/d

Related TD: TD-059, TD-114

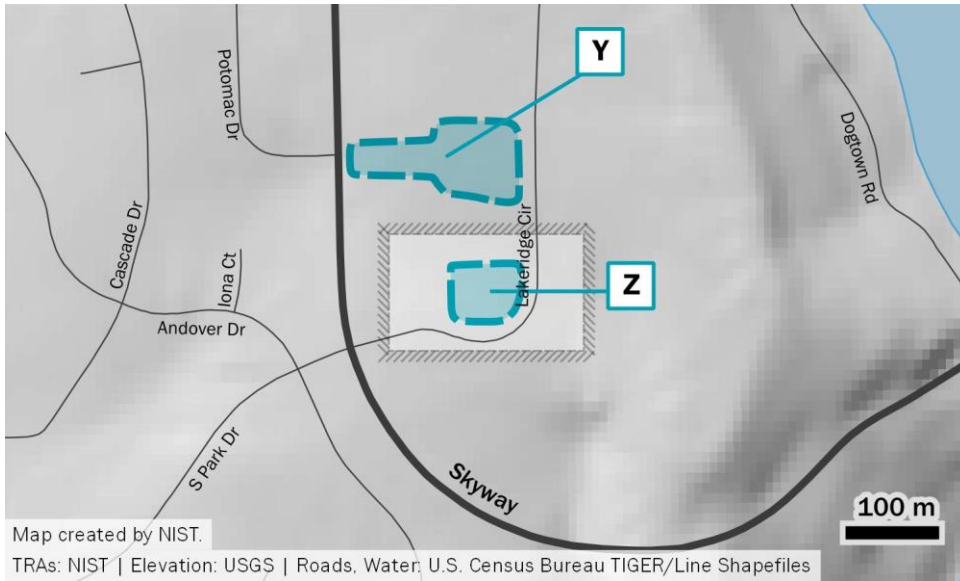
Related streets or keywords: Lakeridge Cir

Street-level view: View of the parking lot from Lakeridge Cir.

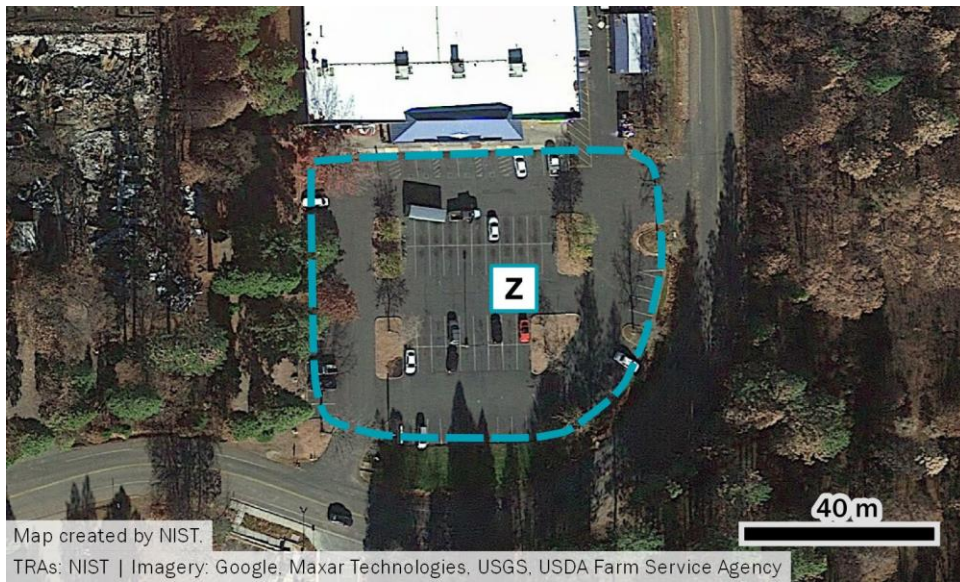
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



AA. Rite Aid

Date/Time:	November 8, 19:00 – November 9, 04:00
Location:	Skyway at Ponderosa Way, Magalia
Coordinates:	[39.817968, -121.591742]
Formation Urgency:	Low !
Hazard Level:	Moderate ▲▲
TRA Type:	Structure
Approx. Area of TRA:	0.55 ha (1.37 ac)
Site Description:	Parking lot surrounding commercial pharmacy store. Ornamental vegetation around the parking area, with denser forest vegetation beyond. Additional commercial structures and parking lots nearby.
Occupants:	Civilians and First Responders
Civilian Headcount:	40 to 60
Civilian Vehicle Count:	n/d
Related Burnover(s):	n/a
Related TRA/ Safety Zone:	n/a

Synopsis: Some residents staged at the Rite Aid parking lot through the afternoon due to road closures and traffic delays. As the fire impacted more of Magalia overnight, additional civilians were directed to the Rite Aid when first responders established the location as a dedicated TRA. Civilians were directed inside the store when nearby fire conditions warranted. A convoy was escorted out of the fire area when the evacuation route through Paradise was passable in the early morning.

Time	Observation	Source
10:32	Traffic is gridlocked on Skyway in Magalia.	VTD-32
13:30–14:00	A few civilians have evacuated to the Rite Aid parking lot. The routes through Paradise are unsafe or impassable, and the route to the north is long and rural.	VTD-31
17:00	Video shows there are still only about 6 vehicles at the Rite Aid parking lot, however some of them are different than earlier in the day.	VTD-31
19:00	Firefighters begin to use the Rite Aid as a dedicated TRA.	TD-014
01:17	Civilians are sheltered at the Rite Aid parking lot. Surrounding structures are burning as the fire has progressed north and west over the ridge and the reservoir.	TD-123 TD-127
01:45	Engines are sent to Rite Aid.	TD-127

Time	Observation	Source
01:50	First responders access the inside of Rite Aid to shelter civilians. There are more than a dozen vehicles visible in the parking lot. Spot fires are burning west of Skyway and embers are showering down.	TD-127 VTD-31
02:00–04:00	An estimated 50 people are at the Rite Aid. Neighboring commercial buildings are burning, and firefighters are protecting the TRA. Civilians are evacuated in multiple waves using personal vehicles and buses.	TD-009 TD-041 TD-045 TD-060 TD-084 TD-127 VTD-31
03:30	Firefighters provide instruction to residents to evacuate through Paradise on a prescribed route.	VTD-31
03:48	A convoy of civilian vehicles departs the Rite Aid heading down Skyway to Paradise.	VTD-31
04:00–10:00	The parking lot is used as a staging area throughout the morning. Additional civilians arrive or are transported here before being evacuated/escorted out of the fire perimeter.	TD-045 TD-061 TD-087 TD-123 TD-128 TD-200 TD-203 TD-205 TD-207

Duration: 9 h 0 min

Pre-planned TRA: No

Roadway width: 12 m (39 ft) Skyway; 20 m (33 ft) Lakeridge Cir

Fuels around TRA: Landscaping trees and shrubs N (20 m), trees and shrubs E (20 m), trees and shrubs W (40 m), burned structure S (20 m), burned structure W (50 m).

Suppression activity: Multiple fire engines protected against radiation exposure from nearby burning commercial structures and from embers.

Related TD: TD-009, TD-014, TD-041, TD-045, TD-060, TD-061, TD-084, TD-087, TD-123, TD-127, TD-128, TD-200, TD-203, TD-205, TD-207, VTD-31, VTD-32

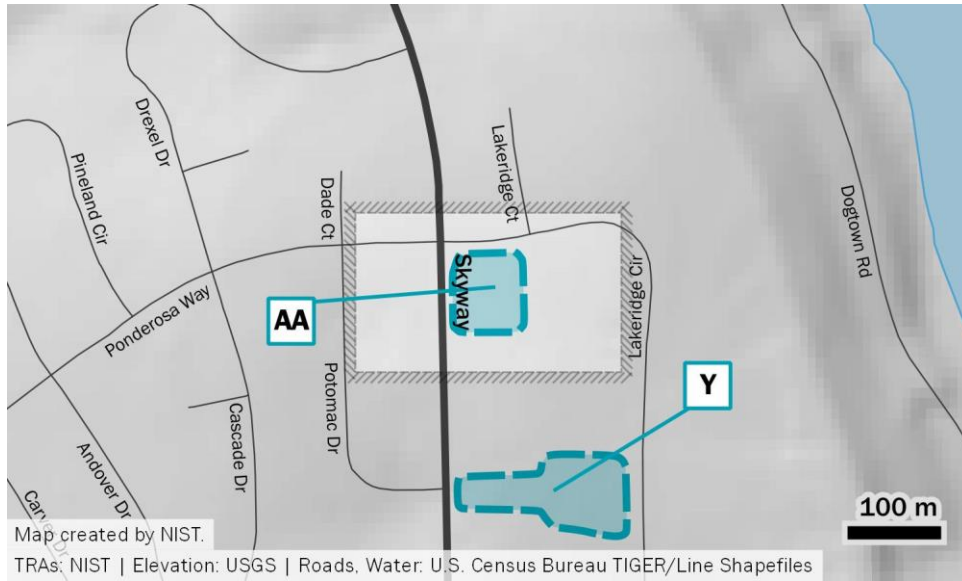
Related streets or keywords: Skyway, Lakeridge Cir, Ponderosa Way

Street-level view: View of the Rite Aid from Skyway.

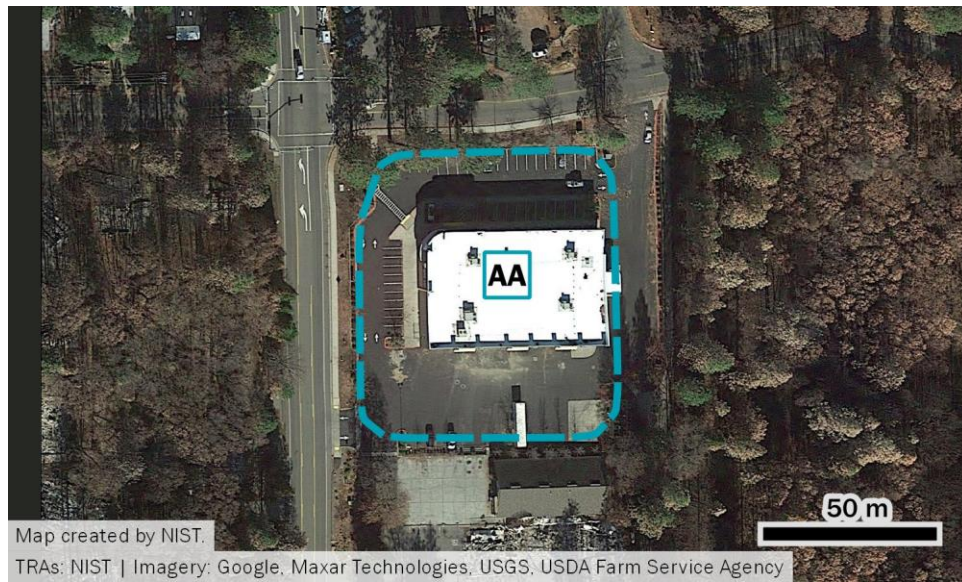
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



BB. Skyway and Coutolenc Road

Date/Time: November 9, 01:00–02:00

Location: Skyway at Coutolenc Rd, Magalia

Coordinates: [39.812789, -121.578443]

Formation Urgency: High !!!

Hazard Level: Moderate ▲▲

TRA Type: Roadway

Approx. Area of TRA: 0.32 ha (0.78 ac)

Site Description: Intersection of Skyway and Coutolenc Rd. Area at the intersection is 4 lanes wide on Skyway and 2 lanes wide on Coutolenc Rd. The area immediately around the intersection is undeveloped and mostly clear of dense understory vegetation, with some tall pine trees.

Occupants: First Responders

Civilian Headcount: n/a

Civilian Vehicle Count: n/a

Related Burnover(s): Coutolenc Rd [*BO #16*] 0 km to 2.0 km (0 mi to 1.2 mi)

Related TRA/ Safety Zone: Magalia Community Church [*TRA-U*]

Synopsis: Several strike teams of engines were working on structure protection and fire suppression in the area overnight. When the fire intensified around midnight, firefighters retreated to the intersection of Skyway and Coutolenc Rd. It is estimated that 45 engines were present in the Old Magalia / Coutolenc Rd area. Fire intensity later required some engines to take further refuge at the large gravel lot at the Magalia Community Church (*TRA-U*).

Time	Observation	Source
00:53–01:17	Fire in the West Branch canyon blows up. A strong wind (22 m/s [50 mi/h]) pushes fire NW out of the canyon toward Coutolenc Rd and Magalia. Softball-sized embers are observed. Homes are igniting.	TD-061 TD-125 TD-126
01:00–02:00	Firefighters scramble to safety. Several engines take refuge at the intersection of Coutolenc Rd and Skyway.	TD-045 TD-115 TD-126

Duration: 1 h 0 min

Pre-planned TRA: No

Roadway width: 10 m to 17 m (33 ft to 55 ft) Skyway; 7 m (23 ft) Coutolenc Rd and Old Skyway

Fuels around TRA: Trees/shrubs all directions (0 m), burned structure NE (53 m), burned structure E (63 m), burned structure S (52 m), burned structure W (83 m).

Suppression activity: None

Related TD: TD-045, TD-061, TD-115, TD-125, TD-126

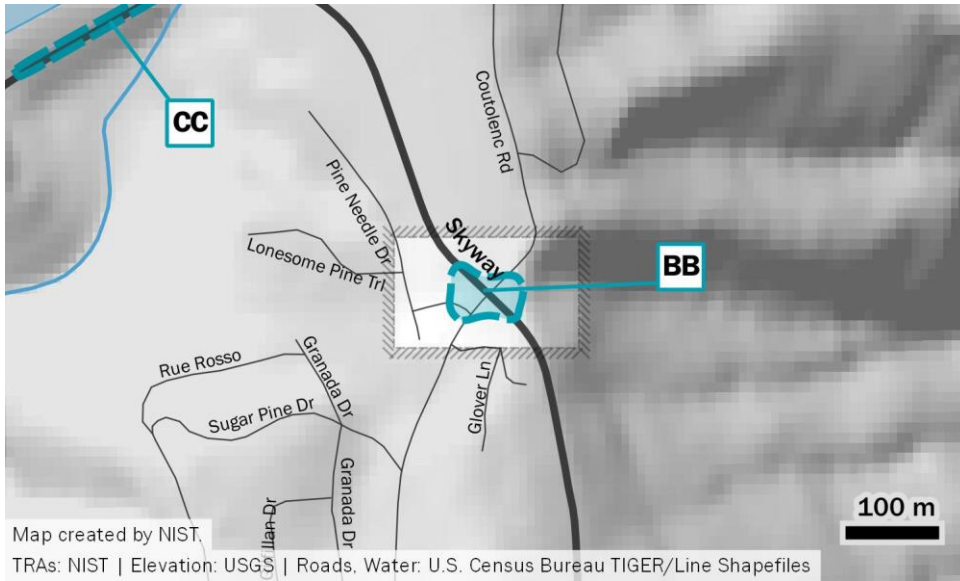
Related streets or keywords: Skyway, Coutolenc Rd, Old Skyway

Street-level view: View of the Skyway and Coutolenc Rd intersection looking north from Skyway.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



CC. Magalia Dam (Skyway)

Date/Time: November 9, 01:48–01:57

Location: Skyway 600 m (0.4 mi) north of Coutolenc Rd, Magalia

Coordinates: [39.815238, -121.582829]

Formation Urgency: Moderate !!

Hazard Level: Low ▲

TRA Type: Roadway

Approx. Area of TRA: 0.17 ha (0.43 ac)

Site Description: Skyway roadway along the dam at the south end of the Magalia Reservoir. There is minimal vegetation along the dam.

Occupants: Civilians and First Responders

Civilian Headcount: n/d

Civilian Vehicle Count: 1

Related Burnover(s): Coutolenc Rd [BO #16] 0 m to 500 m (0 mi to 0.3 mi)

Related TRA/ Safety Zone: n/a

Synopsis: During the overnight fire intensification, a first responder vehicle and one civilian vehicle took refuge on the dam as the fire ran out of the West Branch canyon, over Coutolenc Rd, and into Magalia.

Time	Observation	Source
00:53–01:17	Fire in the West Branch canyon blows up. A strong wind (22 m/s [50 mi/h]) pushes fire NW out of the canyon toward Coutolenc Rd and Magalia. Softball-sized embers are observed. Homes are igniting.	TD-061 TD-125 TD-126
01:00–02:00	Fire is burning on both sides of Skyway west of Dogtown Rd and is impassable.	TD-126 TD-127
01:48–01:57	First responders and a civilian vehicle park on the dam to wait for fire intensity to reduce and the road to open again. High winds (22 m/s [50 mi/h]) are blowing fire westward, directly over Coutolenc Rd and the dam into the Andover Dr area of Magalia.	TD-061 TD-126 TD-127

NIST TN 2252 sup
July 2023

Duration: 0 h 9 min

Pre-planned TRA: No

Roadway width: 8 m (26 ft) Skyway

Fuels around TRA: Limited grass/shrubs along dam. Trees W and S (50 m).

Suppression activity: None

Related TD: TD-061, TD-125, TD-126, TD-127

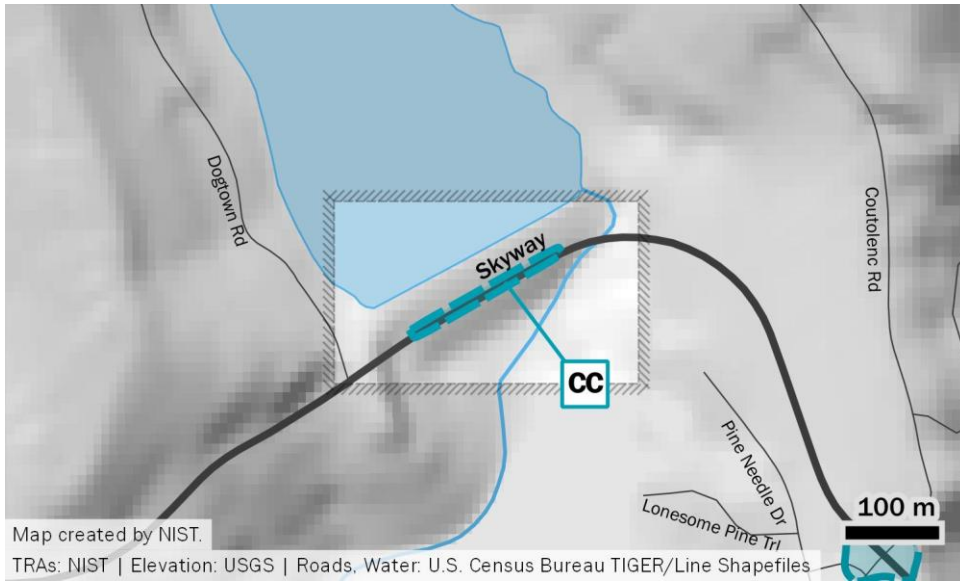
Related streets or keywords: Skyway

Street-level view: View of the Magalia Dam looking east.

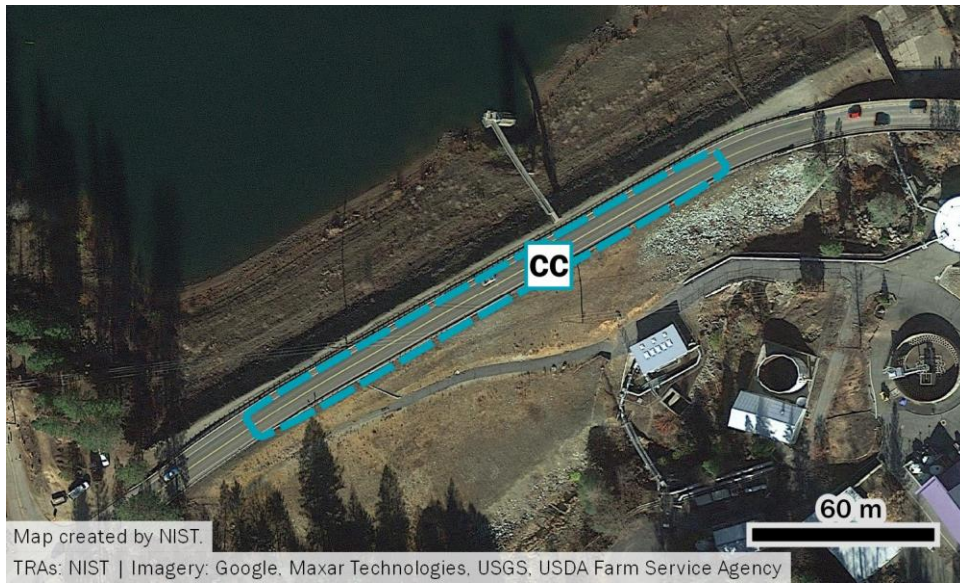
Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



DD. Pine Ridge School

Date/Time:	November 9, 07:24–08:44
Location:	Compton Dr, off Ponderosa Way and W Park Dr, Magalia
Coordinates:	[39.812786, -121.600407]
Formation Urgency:	High !!!
Hazard Level:	Moderate ▲▲
TRA Type:	Parking Lot
Approx. Area of TRA:	1.25 ha (3.09 ac)
Site Description:	Parking lot and school grounds. The school is comprised of several buildings and approximately a dozen temporary classroom buildings. There are trees and ornamental vegetation throughout. Several large ball fields and paved basketball courts surround the school buildings. Fuel reduction treatments had been completed in the forest south and west of the school buildings.
Occupants:	First Responders
Civilian Headcount:	n/a
Civilian Vehicle Count:	n/a
Related Burnover(s):	Ponderosa Way [BO #18] 200 m to 750 m (0.1 mi to 0.5 mi)
Related TRA/ Safety Zone:	n/a

Synopsis: Pine Ridge School was a pre-determined Public Assembly Point defined in the Paradise/Upper Ridge evacuation plan. Fire intensity rapidly increased during rescue and evacuation operations on Ponderosa Way. An engine strike team became separated by the fire and some engines were not able to return to the Rite Aid (TRA-AA); however, they were able to retreat to the previously identified safety area at the Pine Ridge School. There, the firefighters were able to safely protect the school buildings.

Time	Observation	Source
07:10–07:20	Firefighters are going door to door on Ponderosa Way evacuating remaining residents. Fire is flanking through the S Park Dr area toward the school property.	TD-127
		TD-200
		TD-202
		TD-203
07:20–07:24	Firefighters find and evacuate a civilian as fire pinches Ponderosa Way and Compton Dr from east and west. The strike team drives through fire to get to the safety of the school. Some units are able to get back to the Rite Aid with the rescued civilian.	TD-205
		TD-127
		TD-128
		TD-200
07:24–08:44	4 engines from the strike team work from the safety zone and defend the school from the surrounding fire. One portable classroom unit ignites but is put out. Structures on Ponderosa Way are burning.	TD-202
		TD-203
		TD-128
		TD-200

Time	Observation	Source
		TD-203
		TD-205
		TD-207
08:44	Once the fire subsides and the school is protected the firefighters regroup at the Rite Aid.	TD-128
		TD-200
		TD-202
		TD-203
		TD-205
		TD-207

Duration: 1 h 20 min

Pre-planned TRA: Yes – designated Public Assembly Point

Roadway width: 8 m to 10 m (26 ft to 33 ft) Ponderosa Way, Compton Dr, and W Park Dr

Fuels around TRA: Trees all directions and among school buildings (0 m), burned structure N (28 m).

Suppression activity: Firefighters suppressed ignitions on temporary classroom buildings and patrolled the school campus and defended from embers and exposures.

Related TD: TD-127, TD-128, TD-200, TD-202, TD-203, TD-205, TD-207

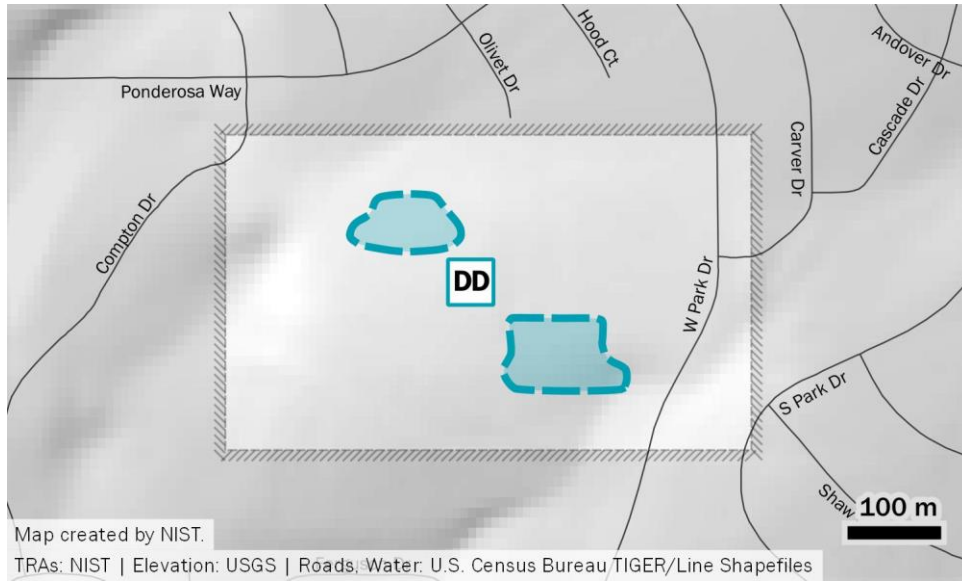
Related streets or keywords: Ponderosa Way, Compton Dr, W Park Dr

Street-level view: View of the W Park Dr entrance to Pine Ridge School.

Pre-fire imagery links: [Google Maps Street View](#), [Bing Maps Streetside](#)

Post-fire imagery links: No imagery available.

Street map:



Satellite view:



EE. Concow Road and Pinkston Canyon Road

Date/Time:	November 9, 07:27–07:45
Location:	Concow Rd at Pinkston Canyon Rd, Concow
Coordinates:	[39.727044, -121.525026]
Formation Urgency:	High !!!
Hazard Level:	High ▲▲▲
TRA Type:	Roadway
Approx. Area of TRA:	0.06 ha (0.16 ac)
Site Description:	"T" intersection of Concow Rd and Pinkston Canyon Rd (each 2 lanes). Surrounded by grass and shrub vegetation.
Occupants:	First Responders
Civilian Headcount:	n/a
Civilian Vehicle Count:	n/a
Related Burnover(s):	Concow Fire Station 37 [<i>BO #19</i>] 250 m to 900 m (0.1 mi to 0.6 mi)
Related TRA/ Safety Zone:	n/a

Synopsis: Fire intensity increased at sunrise while firefighters were conducting suppression operations along Concow Rd near Fire Station 37. Engines were unable to retreat all the way back to the Concow pool, and instead took refuge in their engines at the intersection of Concow Rd and Pinkston Canyon Rd. Some engines drove through fire to reach CA Highway 70.

Time	Observation	Source
00:00	Firefighters use the Concow Pool throughout the day as a staging area.	TD-062 TD-115 TD-136 TD-137 TD-139 TD-140
06:40	Fire is burning across Pinkston Canyon Rd towards Concow Rd. Firefighters working on Concow Rd are worried about getting pinched between areas of fire.	TD-140
07:20	Visibility drops to zero as the fire blows up along Concow Rd and Fire Station 37. Engines attempt to retreat to the Concow Pool as a safety zone but are unable to make it through the fire.	TD-137
07:27–07:45	Engines find a temporary refuge spot at the intersection of Concow Rd and Pinkston Canyon Rd where the fire intensity is not as severe. Two additional engines attempt to drive south to CA-70 but cannot make it and come back to the intersection to wait.	TD-137 TD-138 AVL

NIST TN 2252 sup
July 2023

Duration: 0 h 18 min

Pre-planned TRA: No

Roadway width: 7 m (23 ft) Concow Rd; 6 m (20 ft) Pinkston Canyon Rd

Fuels around TRA: Trees/shrubs surrounding intersection (0 m).

Suppression activity: None

Related TD: AVL, TD-062, TD-115, TD-136, TD-137, TD-138, TD-139, TD-140

Related streets or keywords: Concow Rd, Pinkston Canyon Rd

Street-level view: View of the Concow Rd and Pinkston Canyon Rd intersection, looking north toward Concow.

Pre-fire imagery links: [Bing Maps Streetside](#)

Post-fire imagery links: [Google Maps Street View](#)

Street map:



Satellite view:



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Appendix J. B-Line Transit Bus Evacuation Timeline

Butte Regional Transit (B-Line) provided valuable support during evacuation operations on November 8 into November 9 and continued operational support in the following days. This appendix presents the reconstructed timeline of B-Line bus actions the first day of the Camp Fire incident based on specific information from technical discussions with 13 B-Line drivers and managers, briefly described below and tabulated in Table J-1.

B-Line operated two different types of buses, described in general terms here for context. Transit buses are larger, typical city buses, nominally 12 m (40 ft) long with a capacity on the order of 50 passengers, with flexible seating to accommodate wheelchairs. The smaller Paratransit buses are nominally 6 m (20 ft) long with seating for about 15 with dedicated space for wheelchairs.

There was a fixed route serviced by the transit bus between Chico, Paradise, and Magalia, Route 41. The bus was running the regular route the morning of November 8, until it became stuck in traffic while the fire was impacting Paradise and evacuations were ongoing. As detailed in Table J-1 [TD-058], the bus became stuck in traffic around 09:00 on Clark Road near Fire Station 35. Progress down Clark Road was very slow. The bus followed Clark Road to Elliott Road to Skyway and took 2 hours to travel from the Clark Road/Wagstaff Road intersection to the Skyway/Neal Road intersection, a distance of 6 km (3.7 mi). Between 11:30 and 12:30, the bus evacuated Paradise via contraflow on Skyway, heading south in the northbound lanes.

An additional bus was operating normal Paratransit service in Paradise the morning of November 8 [TD-053]. When it became clear that evacuations were necessary, the driver returned the bus to the parking area near the Paradise Police Department and continued evacuating, with the bus passenger, in their private vehicle.

Another Paratransit driver [TD-046] began service early on November 8 in response to observing the smoke plume. After staging at Butte College, they made an attempt to assist with evacuations with law enforcement, shortly after 09:00; however, they were turned back because of dangerous conditions on Clark Road.

While the bus dispatcher was coordinating with BCSO, several buses were sent to the ICP staging area at Butte College (BC) at the intersection of Durham-Pentz Road and Clark Road, south of Paradise. By 10:00 three large (transit) and 2 small (Paratransit) B-Line buses arrived to support as needed. A convoy of two transit buses and a Paratransit bus entered Paradise to assist with the evacuation of a retirement home. The convoy returned to the ICP by 12:30 via Neal Road, in heavy traffic and through fire exposures.

A group was organized in the afternoon to evacuate civilians from FRH; however, the group was again turned around because of extensive fire activity and hazardous conditions.

The largest convoy was coordinated with the IC to assist with the evacuation of several TRAs in the evening. The group included five transit buses and two Paratransit buses. After being escorted up Skyway by heavy equipment to clear the road of abandoned vehicles and debris, the group staged at the parking lot of the Kmart store at Paradise Plaza (*TRA-K*). The more maneuverable Paratransit buses were used to shuttle civilians to the TRA for transport on the large buses. The buses left in two waves, the first at 17:30 and the second at 23:00.

Table J-1 includes the timeline in 30-minute blocks for each bus. The timeline was reconstructed by integrating information from 13 independent technical discussions with bus operators and managers. Each column of Table J-1 represents the information contributed in each TD and corresponds to a particular bus. Supporting information from incident radio logs, indicating the position or actions of buses, are included at the specific time. Colors in the table are included to visually group actions.

- Gray ■: person was located at bus depot or other location away from incident
- White □: traveling or staging outside Paradise
- Orange ■: unsuccessful attempt to enter Paradise for evacuations
- Tan ■: located in Paradise
- Green ■: departure from TRA in Paradise
- Purple ■: indicates bus-related communication from the incident radio log with information supporting the bus involvement in evacuations

Note: Kmart served as a landmark reference located at Paradise Plaza [TRA-K], at the intersection of Clark Road and Wagstaff Road. BC refers to Butte College.

Table J-1. Timeline of B-Line transit bus evacuation support.

TD	052	058	053	046	n/a	056	049	057	n/a	059	114	n/a	048	047
Type	Transit	Transit	Paratransit	Paratransit	Transit	Transit	Transit	Transit	Transit	Paratransit	Paratransit	Transit	Transit	n/a
AVL	Yes	Partial	No	No	Yes	Yes	Partial	No	Partial	No	No	Yes	No	n/a
Time	Evacuation Support Actions													
08:00		drop passengers in Chico; on route up Skyway	Clark Rd / Buschmann Rd	start shift early; up Clark Rd to get bus						bus depot				
08:30	bus radio fails; attempt to contact BCSO	Magalia	Senior Center	staging at BC						bus depot				
09:00	send 3 big, 2 small buses to BC	stuck in traffic on Clark Rd near Fire Station 35 (Cypress Ln)	Clark Rd / Wagstaff Rd; radios failed	attempt with Fish and Game						volunteer to drive big bus, but sent in small bus				trouble with radios
09:30	buses arrive at BC	stuck at Clark Rd / Wagstaff Rd	Clark Rd to Almond St	back to BC										buses (mostly big) at BC staging
09:48	Radio Log VTD-32: "We have a B-Line bus going to Paradise Intermediate [school] escorted by another Fish and Game officer and I have a 2nd B-Line going to 1468 Sun Manor, in Paradise. Apparently, there's 40 to 50 that need evac as well."													
10:00		Clark Rd / Bille Rd	Clark Rd to Almond St			bus depot	arrive at BC; head into Paradise up Clark Rd to school, Buschmann Rd	arrive at BC; some buses had already been into Paradise; up Clark Rd		arrive at BC; group of small buses had done a trip up; start trip up to Buschmann Rd				
10:14	Radio Log VTD-32: "There's a bus on Buschmann Rd already." — "Bus is not needed at Buschmann Rd, there are enough resources there."													
10:30		Clark Rd / Central Park Dr	Clark Rd to Almond St			bus depot	in Paradise	in Paradise; stop at convalescent home		in Paradise				dropped people at Chico Community Church
11:00		Clark Rd / Elliott Rd to Skyway	Clark Rd to Almond St; leave bus at PPD				in Paradise	in Paradise		following big bus				
11:30		Skyway just south of Neal Rd	Neal Rd				in Paradise	in Paradise		returning to BC via Neal Rd				
12:00		contraflow down Skyway to Bruce Rd	Neal Rd			arrive at BC	down Neal Rd	down Neal Rd		almost down Neal Rd, near dump?	arrive at BC			
12:30		through Chico	Neal Rd			arrive at BC	waiting at BC	waiting at BC		waiting at BC	waiting at BC			
13:00		back at bus depot	Neal Rd			waiting at BC	waiting at BC	waiting at BC		waiting at BC	waiting at BC			
13:21	Radio Log: [an engine] is going to lead and escort some buses up....3 or 4 buses.... Could we get a bus at the hospital?													
13:30	take big bus to BC		Neal Rd		waiting at BC (photo)	waiting at BC	waiting at BC	waiting at BC		waiting at BC (photo)	waiting at BC (photo)			send 5 buses to BC [from bus depot]
14:00			CA-99 (estimated time)	escorted to FRH; turned around because of fire [TD+TD-047]		waiting at BC	waiting at BC	[maybe involved in group attempt to FRH]		waiting at BC	waiting at BC			2 buses sent toward FRH; get turned around, too dangerous
14:30				to Chico via CA-99		waiting at BC	waiting at BC	waiting at BC		waiting at BC	waiting at BC			
14:49	Radio Log: I've got [a firefighter] here and a loader to lead up buses, Clark Rd													
15:00	Yankee Hill					waiting at BC	waiting at BC	waiting at BC		waiting at BC	waiting at BC			
15:30				convoy leaves BC		CA-99 to Skyway; BCSO and loader escort	lead convoy	in convoy	AVL; in convoy	convoy up Skyway (4 or 5 engines, 2 dozers, 4 or 5 big buses, 2 small buses)	convoy up Skyway			

TD	052	058	053	046	n/a	056	049	057	n/a	059	114	n/a	048	047
Type	Transit	Transit	Paratransit	Paratransit	Transit	Transit	Transit	Transit	Transit	Paratransit	Paratransit	Transit	Transit	n/a
AVL	Yes	Partial	No	No	Yes	Yes	Partial	No	Partial	No	No	Yes	No	n/a
Time	Evacuation Support Actions													
16:00					up Skyway	up Skyway	in convoy	in convoy	AVL; in convoy	in convoy	in convoy			
16:05	PPD radio: buses and dozer heading up Skyway now													
16:15	Radio Log: B-Line buses passing Pearson Rd on Skyway													
16:30	back to bus depot				Skyway at Bille Rd; up Skyway	Skyway at Bille Rd	Skyway at Bille Rd	in convoy	AVL; in convoy	wait for dozers on Skyway at Bille Rd	Skyway at Bille Rd waiting for loader to clear down Clark Rd			
17:00					SB Clark Rd at Kimberly Ln (near Fire Station 35)	SB Clark Rd	down Clark Rd	in convoy	AVL; in convoy	turn down Clark Rd				
17:11	TD-108 video: convoy SB Clark Rd at Fire Station 35 (3 large (2B), 2 small (1B))													
17:30					Kmart	Kmart	Kmart	Kmart	Kmart	Kmart (w/ several big and small bus)	Kmart			3 buses to Kmart
18:00					Kmart	Kmart	Kmart	Kmart	AVL signal loss	Magalia; ferry civilian from Sav-Mor to big buses at Kmart	Magalia Sav-Mor and Baptist Church			
18:30					Kmart	Kmart	Kmart	Kmart	[Kmart]	ferry to Kmart	Magalia			
19:00					Kmart	Kmart	Kmart	Kmart	[Kmart]	civilian convoy left before buses	Magalia			
19:30					Kmart	all buses left same time, all seats full, no standing (~40); Wagstaff Rd to Skyway; loader lifted powerlines	Wagstaff Rd to Skyway	Kmart	[left Kmart]	left Kmart, headed to Enloe Hospital	Magalia			
19:42	Radio Log: vehicles and buses down Skyway, past Bille Rd; 20 vehicles and 3 buses													
20:00					Kmart	bottom of Skyway	convoy down Skyway	Kmart		Chico/hospital	Magalia			get 2 buses to Neighborhood Church
20:30					Kmart	unload/reload passengers at church	Neighborhood Church	Kmart		Chico/hospital	back to Kmart			get 2 buses to Neighborhood Church
21:00					Kmart	Elks Lodge	Elks Lodge	Kmart		Chico/hospital	Kmart [Magalia?]			get 2 buses to Neighborhood Church
21:30					Kmart	bus depot	[bus depot]	Kmart	[bus depot]	bus depot	Kmart [Magalia?]			
22:00					Kmart			Kmart			Kmart [Magalia?]			
22:30					Kmart			Kmart			Kmart [Magalia?]			
22:46	Radio Log: sitting here at Kmart parking lot, going to take 1 more load of buses down to the neighborhood church...don't have any more people at the Kmart to evacuate													
23:00					Clark Rd - Bille Rd - Skyway			down Skyway; convoy 2 or 3 buses			convoy out to fairgrounds			
23:30					Elks Lodge			Elks Lodge						
24:00					Grace Community Church						↓ to bus depot by 25:00			

Appendix K. Evacuation Assistance / Rescue (EA/R) Summary Table

Analysis of data related to evacuation assistance or rescue of civilians yielded 198 individual events involving a combined total of more than 1000 civilians. Table K-1 lists the identified EA/R events along with defining characteristics and attributes. Definitions of each term can be found in Table 46 of the main text (Sec. 10.3).

The times associated with each event were derived from the temporal integration of available data. Uncertainty in these individual data points is generally minimal; 76 % of data points have no temporal uncertainty and were identified from timestamped sources. The remaining data points are from TDs, the majority of which have uncertainties ranging from zero to 15 minutes, with exceptions up to ~90 minutes.

The geographic locations (latitude/longitude) of event points are located on the parcel of interest (if associated with a specific address) or at the general location specified by first responders. Locations do not imply specific resolution with respect to location within the parcel or around/inside a residence.

Uncertainty in the number of civilians associated with each event is discussed in Sec. 10.5.2.4 and is presented as the “Estimated Minimum Reasonable Additional Head Count.” In some cases, there is uncertainty in the head count, indicated in Table K-1 in the “HC +” column, but no estimate could be made of the number of additional civilians involved. In these few cases, there is a blank value, rather than zero, in the additional head count column.

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Table K-1. List of evacuation assistance / rescue (EA/R) event characteristics, sorted in chronological order of first datapoint.

EA/R ID	Event Class	Response Action	Time of Notif / Direct Obs	Time of Rescue / Resp Att	Time of Concl	Rescue Resp Time (min)	Rescue Dur'n (min)	Event Dur'n (min)	Head Count	HC +	Est Min Reas Add'l Head Count	Notif/Encounter Source	Particip First Responder	Rescue Circum	Outcome	Injury	Pre-X	Animals	BO ID	TRA ID	Location	Source	Comp/Incomp Seq	Encounter	Data Points	Latitude	Longitude
1	Entrap	Rescue							1			Civilian	Civilian	On foot	Transp to Other						Concow	TD-140	Incomp	Encounter	2	39.764016	-121.524375
2	Entrap	Notif	07:25						2	+		FD Dispatch	Unknown	Unknown	Unknown						Concow	TD-008	Incomp	Notif Only	1	39.783709	-121.505515
3	Med	Rescue	07:41	07:43	07:54	2	11	13	1			911	FD	Residence	Medical Transp	Yes					Paradise	TD-021, VTD-32, 911-051-1	Comp	Response	2	39.797621	-121.583719
4	Entrap	Rescue	07:49	07:49	08:14	0	25	25	1			FD	FD	Vehicle	Transp to Other	Yes			2		Concow	TD-103	Comp	Encounter	1	39.781743	-121.505542
5	Entrap	Res Att		07:50					1			Unknown	LE	Residence	Fatality		Yes				Concow	VTD-32	Incomp	Response	1	39.791581	-121.500309
6	Entrap	Res Att		07:52					1	+	1	Unknown	LE	Residence	Unable to Access				5		Concow	VTD-32	Incomp	Response	1	39.788758	-121.509587
7	Entrap	Res Att	07:52	07:53		1			1			911	FD	Residence	Unable to Access						Concow	TD-027, VTD-32, 911-075-1, 911-120-1	Incomp	Response	4	39.794114	-121.501830
8	Entrap	Rescue	07:53	07:53	08:00	0	7	7	1			FD	FD	On foot	Other	Yes			1	B	Concow	TD-013	Comp	Encounter	1	39.786937	-121.522000
9	Entrap	Rescue	07:53	07:53	08:00	0	7	7	1			FD	FD	On foot	Other				1	B	Concow	TD-013	Comp	Encounter	1	39.782613	-121.517135
10	Entrap	Rescue		07:55	09:48		113		40			LE	LE	Vehicle	Form TRA				1, 2, 5	A	Concow	TD-008, TD-013, TD-062, VTD-32, 911-086-2, 911-089-1	Incomp	Undet	13	39.787234	-121.510081
11	Entrap	Rescue	08:00	08:00	08:37	0	37	37	22			FD	FD	Other	Form TRA	Yes		Yes	1	B	Concow	TD-008, TD-013, TD-027	Comp	Encounter	14	39.784040	-121.509723
12	Entrap	Rescue		08:00	08:30		30		2	+		Civilian	Civilian	Residence	Civilian Transp		Yes				Paradise	VTD-09	Incomp	Response	1	39.783496	-121.592403
13	Asst	Notif	08:00						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-1035-7	Incomp	Notif Only	1	39.782937	-121.575702
14	Entrap	Notif	08:00						2			911	Unknown	Residence	Unknown						Concow	911-090-1, VTD-32	Incomp	Notif Only	2	39.783964	-121.506923
15	Entrap	Notif	08:06						2	+	8	911	Civilian	Residence	Unknown						Paradise	911-1042-1, 911-1044-1	Incomp	Notif Only	2	39.778428	-121.577093
16	Med	Notif	08:07						1			911	Unknown	Vehicle	Unknown	Yes					Concow	911-101-1	Incomp	Notif Only	1	39.773742	-121.506879
17	Entrap	Rescue	08:11	09:44	10:28	93	44	137	3			911	LE and FD	Residence	Transp to Other	Yes					Concow	TD-006, TD-008, TD-013, TD-027, VTD-32, 911-111-1, 911-132-1, 911-136-1, 911-231-1	Comp	Response	11	39.794030	-121.513173
18	Asst	Notif	08:12						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-1049-4	Incomp	Notif Only	1	39.739831	-121.583073
19	Entrap	Notif	08:12						1			911	Unknown	Residence	Unknown						Concow	911-113-1	Incomp	Notif Only	1	39.788647	-121.518099
20	Asst	Notif	08:19						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-1056-2	Incomp	Notif Only	1	0.000000	0.000000
21	Med	Notif	08:26						1			911	Unknown	Structure	Unknown	Yes					Paradise	911-135-1	Incomp	Notif Only	1	39.759818	-121.620163
22	Asst	Notif	08:26						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-135-2	Incomp	Notif Only	1	39.743798	-121.587406
23	Asst	Rescue	08:30	09:09		39			1			911	LE and FD	Residence	Unknown		Yes				Paradise	911-138-1, 911-195-3, PPD-05	Incomp	Response	3	39.751587	-121.573854
24	Asst	Notif	08:31						1	+	1	911	Unknown	Residence	Unknown						Concow	911-142-4	Incomp	Notif Only	1	39.789348	-121.523750
25	Entrap	Res Att	08:32	08:32	08:59	0	27	27	2	+	0	Civilian	FD	Residence	Unable to Access				5		Concow	TD-062, TD-110	Comp	Response	5	39.786410	-121.514298
26	Entrap	Rescue	08:34	08:34	09:01	0	27	27	140			Civilian	LE	Residence	Transp to Other		Yes				Paradise	VTD-32	Comp	Response	2	39.762064	-121.568935
27	Asst	Notif	08:39						1			911	Unknown	Residence	Unknown		Yes				Other	911-161-1	Incomp	Notif Only	1	39.708865	-121.524561
28	Asst	Notif	08:40						1			LE Dispatch	Unknown	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.772574	-121.590744
29	Entrap	Notif	08:42						2	+	8	Civilian	FD	Residence	Unknown						Concow	TD-115	Incomp	Notif Only	1	39.776235	-121.508008
30	Asst	Notif	08:42						30			911	Unknown	Residence	Unknown		Yes				Paradise	911-166-1	Incomp	Notif Only	1	39.748017	-121.608799
31	Entrap	Rescue	08:44	08:44		0			1			LE	LE	Residence	Transp to Other		Yes				Paradise	TD-067, PPD-02	Incomp	Encounter	2	39.777719	-121.588667
32	Asst	Rescue	08:44	08:46	09:05	2	19	21	2			911	FD	Residence	Civilian Transp		Yes				Paradise	TD-111	Comp	Response	3	39.759834	-121.596212
33	Asst	Notif	08:45						1			LE Dispatch	Unknown	Residence	Unknown						Paradise	PPD-02	Incomp	Notif Only	1	39.743203	-121.571537
34	Asst	Notif	08:45						2	+	8	LE Dispatch	Unknown	Residence	Unknown						Paradise	PPD-02	Incomp	Notif Only	1	39.766163	-121.574000
35	Pick-up	Rescue		08:47					1			FD	FD	On Foot	Other					E	Paradise	TD-103	Incomp	Encounter	1	39.756016	-121.571125
36	Entrap	Rescue			08:47				1			LE	LE	Residence	Transp to Other						Paradise	PPD-02	Incomp	Undet	1	39.777939	-121.575002
37	Med	Notif	08:47						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-181-1	Incomp	Notif Only	1	39.771306	-121.595255
38	Asst	Rescue	08:48	08:48		0			2	+	0	FD	FD	Residence	Civilian Transp						Paradise	TD-209	Incomp	Encounter	1	39.751833	-121.572083
39	Asst	Notif	08:48						1			911	Unknown	Residence	Unknown						Paradise	911-183-1	Incomp	Notif Only	1	39.748238	-121.609657
40	Asst	Notif	08:49						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-184-1, 911-203-2	Incomp	Notif Only	2	39.753089	-121.576925
41	Entrap	Res Att		08:53	09:18		25		2			Unknown	LE	Residence	Not Present						Paradise	TD-069	Incomp	Response	1	39.756239	-121.575585
42	Asst	Notif	08:54						1			911	Unknown	Residence	Unknown						Paradise	911-190-2	Incomp	Notif Only	1	39.746319	-121.611872
43	Asst	Notif	08:54						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-191-1	Incomp	Notif Only	1	39.785603	-121.595082
44	Asst	Notif	08:55						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-193-1	Incomp	Notif Only	1	39.754318	-121.583826
45	Pick-up	Rescue	08:56	08:56	08:59	0	3	3	1			FD	FD	On foot	Transp to Other			Yes			Paradise	TD-061	Comp	Encounter	2	39.781479	-121.573042

EA/R ID	Event Class	Response Action	Time of Notif / Direct Obs	Time of Rescue / Resp Att	Time of Concl	Rescue Resp Time (min)	Rescue Dur'n (min)	Event Dur'n (min)	Head Count	HC +	Est Min Reas Add'l Head Count	Notif/Encounter Source	Particip First Responder	Rescue Circum	Outcome	Injury	Pre-X	Animals	BO ID	TRA ID	Location	Source	Comp/Incomp Seq	Encounter	Data Points	Latitude	Longitude	
46	Med	Notif	08:56						1			FD Dispatch	Unknown	Residence	Unknown		Yes				Paradise	TD-111, Radio Log	Incomp	Notif Only	1	39.770936	-121.593419	
47	Entrap	Rescue		08:58					2			FD	FD	On foot	Transp to Other						Paradise	TD-043, TD-085	Incomp	Encounter	3	39.778472	-121.576890	
48	Asst	Notif	08:59						1			Unknown	LE	Residence	Unknown		Yes				Paradise	PPD-02	Incomp	Notif Only	1	39.782598	-121.580011	
49	Entrap	Rescue		09:00					2			FD	FD to LE	Residence	Transp to Other						Paradise	TD-016	Incomp	Encounter	1	39.752898	-121.572814	
50	Med	Rescue	09:00	09:00		0			1			Civilian	FD to LE	Vehicle	Escort to Other		Yes				Paradise	TD-105	Incomp	Response	3	39.763634	-121.626698	
51	Entrap	Rescue		09:00					1			FD	FD	Residence	Civilian Transp						Paradise	TD-016	Incomp	Encounter	1	39.753051	-121.574265	
52	Asst	Notif	09:00						1			911	Unknown	Residence	Fatality		Yes				Paradise	911-203-1	Incomp	Notif Only	1	39.738167	-121.584102	
53	Asst	Res Att	09:00	09:15		15			1			911	Civilian	Residence	Unknown		Yes				Paradise	911-204-2, 911-228-1, 911-244-1	Incomp	Response	3	39.762954	-121.590224	
54	Asst	Notif	09:01						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-206-1	Incomp	Notif Only	1	39.745779	-121.588867	
55	Asst	Notif	09:04						1	+	1	911	Unknown	Residence	Unknown		Yes				Magalia	911-211-1	Incomp	Notif Only	1	39.844101	-121.591512	
56	Entrap	Rescue		09:05					20			Unknown	FD	Vehicle	Form TRA					F	Concow	TD-115, 911-237-1	Incomp	Undet	2	39.775143	-121.506302	
57	Asst	Notif	09:06						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-213-2	Incomp	Notif Only	1	39.798614	-121.576886	
58	Entrap	Rescue		09:07					1			FD	FD	Vehicle	Civilian Transp						Paradise	TD-040	Incomp	Encounter	1	39.781358	-121.579556	
59	Entrap	Rescue	09:07	09:25	09:31	18	6	24	1			911	LE to Civ	Residence	Transp to Other		Yes				Paradise	TD-017, PPD-02, 911-215-1	Comp	Response	5	39.781185	-121.580416	
60	Entrap	Rescue			09:07				1			Unknown	FD to LE	Unknown	Transp to Other		Yes				Paradise	PPD-02	Incomp	Undet	1	39.777777	-121.579615	
61	Entrap	Notif	09:07						6	+	0	911	Unknown	Vehicle	Unknown						Paradise	911-216-1	Incomp	Notif Only	1	39.775077	-121.581572	
62	Asst	Rescue	09:10	09:10		0			2			LE	LE	Residence	Transp to Other		Yes				Paradise	TD-067, PPD-02	Incomp	Response	3	39.782811	-121.579581	
63	Asst	Notif	09:10						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-220-1	Incomp	Notif Only	1	39.770202	-121.591084	
64	Entrap	Rescue	09:11	09:11	09:28	0	17	17	6			911	FD	Vehicle	Transp to TRA		Yes		6	H	Paradise	TD-015, 911-221-2	Comp	Response	4	39.766933	-121.575940	
65	Asst	Notif	09:12						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-224-1	Incomp	Notif Only	1	39.737701	-121.584901	
66	Asst	Notif	09:13						1			911	Unknown	Residence	Unknown						Paradise	911-227-1	Incomp	Notif Only	1	39.766616	-121.616018	
67	Asst	Notif	09:15						1	+	1	LE Dispatch	Unknown	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.758542	-121.608746	
68	Asst	Notif	09:15						1	+	1	LE Dispatch	Unknown	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.762707	-121.592057	
69	Asst	Notif	09:15						1	+	1	LE Dispatch	Unknown	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.773472	-121.614201	
70	Asst	Notif	09:15						1	+	1	LE Dispatch	Unknown	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.752438	-121.584068	
71	Asst	Res Att	09:15	09:15	10:23	0	68	68	1	+	1	Unknown	FD	Unknown	Unknown						Paradise	TD-042	Comp	Response	1	39.780229	-121.598311	
72	Asst	Notif	09:16						1			911	Unknown	Residence	Unknown		Yes				Paradise	911-230-3	Incomp	Notif Only	1	39.765931	-121.612778	
73	Entrap	Rescue	09:19	09:19	09:31	0	12	12	1			FD	FD	Vehicle	Transp to TRA			Yes		A	Concow	TD-062	Comp	Encounter	2	39.791533	-121.506467	
74	Asst	Notif	09:19						1	+	1	911	Unknown	Residence	Unknown						Paradise	911-234-1	Incomp	Notif Only	1	39.759741	-121.572086	
75	Entrap	Notif	09:19						3			911	Unknown	Residence	Fatality		Yes				Paradise	911-234-2	Incomp	Notif Only	1	39.763874	-121.572729	
76	Pick-up	Rescue	09:20	09:20		0			1			FD	FD	On foot	Transp to TRA					E	Paradise	TD-037	Incomp	Encounter	1	39.748653	-121.579600	
77	Asst	Notif	09:20						1			911	Unknown	Residence	Unknown		Yes				Magalia	911-239-1	Incomp	Notif Only	1	39.806520	-121.594880	
78	Entrap	Rescue	09:23	09:23	10:40	0	77	77	90			FD	LE and FD	Vehicle	Other				6	E	Paradise	TD-090, VTD-23, PPD-05	Comp	Encounter	5	39.760733	-121.573417	
79	Entrap	Rescue	09:23	09:23	12:00	0	157	157	70	+	30	Other	LE and FD	Vehicle	Form TRA					I	Paradise	TD-015, TD-021, TD-060	Comp	Encounter	5	39.770070	-121.579380	
80	Asst	Notif	09:32						1			LE Dispatch	LE	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.775674	-121.613228	
81	Entrap	Rescue		09:38	10:04		26		2			Unknown	FD	On foot	Other		Yes				Concow	TD-008, TD-013, TD-062	Incomp	Undet	5	39.796297	-121.514062	
82	Asst	Notif	09:36						2			Civilian	FD to LE	Residence	Unknown						Paradise	TD-111	Incomp	Notif Only	1	39.759570	-121.589005	
83	Entrap	Rescue	09:39	09:39	10:26	0	47	47	30	+	40	FD	FD	Vehicle	Form TRA					7	J	Paradise	TD-037, TD-087, TD-122, TD-123, TD-129, VTD-23	Comp	Encounter	15	39.748515	-121.581250
84	Entrap	Rescue	09:41	09:41	10:00	0	19	19	5			FD	FD	Vehicle	Transp to TRA					7	J	Paradise	TD-122	Comp	Encounter	1	39.749679	-121.578103
85	Pick-up	Rescue	09:43	09:43	10:17	0	34	34	2	+	2	FD	FD	Vehicle	Escort to TRA					E	Paradise	TD-005	Comp	Encounter	1	39.756577	-121.572070	
86	Asst	Rescue			09:43				1			Unknown	FD	Unknown	Transp to Other		Yes				Paradise	TD-085	Incomp	Undet	1	39.784150	-121.579283	
87	Entrap	Rescue	09:51	09:51	09:56	0	5	5	5			FD	FD	On foot	Transp to TRA					7	E	Paradise	TD-063, TD-123, TD-129, VTD-16, VTD-25, VTD-32, PPD-02	Comp	Encounter	9	39.749725	-121.575575
88	Asst	Notif	09:55						40			LE Dispatch	Unknown	Residence	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.749552	-121.634175	
89	Entrap	Rescue		09:59					12	+	2	Unknown	FD	Residence	Transp to TRA					K	Paradise	TD-017	Incomp	Response	1	39.777715	-121.590620	
90	Pick-up	Rescue	09:59	09:59	11:22	0	83	83	1			LE	LE	On foot	Transp to TRA					E	Paradise	TD-069, PPD-05	Comp	Encounter	3	39.762491	-121.574246	
91	Entrap	Notif	10:06						3			LE Dispatch	Unknown	On foot	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.757831	-121.589049	
92	Pick-up	Rescue	10:05	10:05	11:22	0	77	77	1			LE	LE	Vehicle	Escort to TRA					E	Paradise	PPD-02, PPD-05	Comp	Encounter	1	39.762629	-121.574842	

EA/R ID	Event Class	Response Action	Time of Notif / Direct Obs	Time of Rescue / Resp Att	Time of Concl	Rescue Resp Time (min)	Rescue Dur'n (min)	Event Dur'n (min)	Head Count	HC +	Est Min Reas Add'l Head Count	Notif/Encounter Source	Particip First Responder	Rescue Circum	Outcome	Injury	Pre-X	Animals	BO ID	TRA ID	Location	Source	Comp/Incomp Seq	Encounter	Data Points	Latitude	Longitude	
93	Med	Rescue	10:09	10:09	10:43	0	34	34	1			LE	LE	Vehicle	Medical Transp		Yes				Paradise	TD-067, TD-074, VTD-32, PPD-02, PPD-05	Comp	Encounter	8	39.797081	-121.585186	
94	Entrap	Rescue		10:12					1			FD	FD	Residence	Transp to TRA						K	Paradise	TD-127	Incomp	Encounter	1	39.777436	-121.602046
95	Entrap	Rescue		10:12					2	+		FD	FD	Residence	Unknown							Paradise	TD-127	Incomp	Encounter	1	39.773833	-121.603071
96	Asst	Notif	10:16						1			Civilian	FD	Residence	Unknown		Yes				Paradise	Radio Log	Incomp	Notif Only	1	39.773117	-121.630089	
97	Asst	Res Att		10:17					1			LE	LE	Residence	Unknown						Paradise	PPD-02	Incomp	Response	1	0.000000	0.000000	
98	Asst	Rescue	10:23	10:23	11:00	0	37	37	2			LE	LE	Vehicle	Transp to TRA						L	Paradise	PPD-02	Comp	Encounter	1	39.755928	-121.596554
99	Asst	Rescue	10:26	14:15	14:55	229	40	269	20			Civilian	LE and FD	Residence	Transp to Other		Yes				Paradise	TD-030, TD-066, TD-155, VTD-32	Comp	Response	4	39.768249	-121.613388	
100	Entrap	Notif	10:28						1			LE Dispatch	Unknown	On foot	Unknown		Yes				Paradise	VTD-32	Incomp	Notif Only	1	39.760862	-121.570932	
101	Pick-up	Rescue		10:29					1			Unknown	LE	Residence	Transp to TRA		Yes				L	Paradise	PPD-02	Incomp	Undet	1	39.753781	-121.624022
102	Entrap	Rescue		10:30					10	+	32	LE	LE	Vehicle	Other				4	N	Paradise	TD-127, VTD-10	Incomp	Encounter	3	39.783927	-121.599559	
103	Pick-up	Rescue		10:30					4			Other	Other	On foot	Transp to Other						Paradise	TD-049	Incomp	Encounter	1	39.743942	-121.633241	
104	Med	Rescue		10:33	10:48		15		1			Unknown	FD	Residence	Civilian Transp						Paradise	TD-030	Incomp	Undet	2	39.770398	-121.615016	
105	Asst	Rescue		10:43					10	+	40	Unknown	LE	Residence	Transp to TRA		Yes			S	Paradise	TD-067, VTD-32	Incomp	Undet	2	39.784248	-121.583579	
106	Pick-up	Rescue	10:44	10:44	10:53	0	9	9	2			FD	FD	On foot	Transp to TRA					O	Paradise	TD-123	Comp	Encounter	2	39.750978	-121.589033	
107	Pick-up	Rescue	10:46	10:46		0			2	+	1	LE	LE	Structure	Transp to Other						Paradise	TD-065	Incomp	Encounter	1	39.749339	-121.613057	
108	Asst	Rescue	10:46	10:46		0			2			LE	LE	Residence	Transp to Other						Paradise	TD-065	Incomp	Response	1	39.748793	-121.618122	
109	Pick-up	Rescue	10:46	10:46		0			1			LE	LE	On foot	Transp to Other						Paradise	TD-065	Incomp	Encounter	1	39.752188	-121.615817	
110	Asst	Rescue	10:47	10:48	10:58	1	10	11	5			FD Dispatch	FD	Residence	Unknown		Yes				Paradise	TD-030, Radio Log	Comp	Response	2	39.770490	-121.628246	
111	Pick-up	Rescue	10:47	10:47	10:59	0	12	12	3			FD	FD	Vehicle	Civilian Transp			Yes			Paradise	TD-124	Comp	Encounter	1	39.748638	-121.582073	
112	Pick-up	Rescue		10:53	11:33		40		8			FD	FD	Vehicle	Transp to TRA						M	Paradise	TD-084	Incomp	Encounter	1	39.770756	-121.579492
113	Med	Notif	10:58						1			Civilian	LE	Unknown	Unknown		Yes				Paradise	PPD-02	Incomp	Notif Only	1	39.727080	-121.655819	
114	Med	Rescue			11:00				3			Unknown	Unknown	Unknown	Medical Transp		Yes				Paradise	TD-035	Incomp	Undet	1	39.759502	-121.606635	
115	Entrap	Rescue		11:00	11:10		10		2			Unknown	FD	Residence	Transp to TRA		Yes			P	Paradise	TD-017	Incomp	Response	1	39.780343	-121.609252	
116	Entrap	Rescue		11:10	13:20		130		10	+	90	FD	FD	Other	Form TRA		Yes			P	Paradise	TD-014, TD-030, TD-127	Incomp	Encounter	4	39.770377	-121.616499	
117	Pick-up	Rescue	11:14	11:14		0			2			LE	LE	On foot	Transp to Other						Paradise	TD-065	Incomp	Encounter	2	0.000000	0.000000	
118	Entrap	Res Att	11:15	11:16	11:22	1	6	7	1			Civilian	LE	Residence	Not Present		Yes				Paradise	PPD-02 [TD-063, TD-069]	Comp	Response	4	39.764746	-121.572524	
119	Entrap	Rescue	11:18	11:22	11:45	4	23	27	2			FD Dispatch	FD	Residence	Transp to Other			Yes	13		Concow	TD-008, TD-031, TD-062	Comp	Response	4	39.753228	-121.552348	
120	Entrap	Notif	11:18						18			LE Dispatch	Unknown	Unknown	Unknown						Paradise	VTD-32	Incomp	Notif Only	1	39.725744	-121.618065	
121	Entrap	Rescue		11:22	12:14		52		70			FD	FD	Vehicle	Escort to TRA						K	Paradise	TD-042	Incomp	Encounter	1	39.777717	-121.598302
122	Asst	Rescue			11:28				1			Unknown	LE	Unknown	Transp to Other		Yes				Paradise	PPD-08	Incomp	Undet	2	39.753340	-121.629286	
123	Entrap	Rescue		11:29					50			Other	Other	Other	Form TRA		Yes			E	Paradise	TD-005, TD-014	Incomp	Response	2	39.758244	-121.571631	
124	Entrap	Res Att	11:30	11:30		0			1	+	1	Civilian	FD	Residence	Unable to Access						Paradise	TD-127	Incomp	Response	1	39.778239	-121.608737	
125	Entrap	Rescue	11:34	11:34	13:11	0	97	97	2			FD Dispatch	FD	On foot	Medical Transp	Yes					Paradise	TD-014, TD-020, TD-111, TD-123	Comp	Response	15	39.730500	-121.593567	
126	Entrap	Rescue		11:34	11:49		15		2			Unknown	FD	Residence	Transp to TRA		Yes	Yes		O	Paradise	TD-123	Incomp	Response	2	39.749675	-121.599194	
127	Pick-up	Rescue			11:41				1			LE	LE	On foot	Civilian Transp		Yes				Paradise	TD-070, PPD-08	Incomp	Encounter	2	39.759523	-121.612409	
128	Asst	Rescue	11:46	11:46	11:55	0	9	9	1			LE	LE	On foot	Transp to TRA		Yes			S	Paradise	PPD-08	Comp	Encounter	3	39.796142	-121.584648	
129	Pick-up	Rescue	11:53	11:53	12:03	0	10	10	1			FD	FD	On foot	Transp to TRA	Yes				E	Paradise	TD-020, TD-112	Comp	Encounter	3	39.752255	-121.598279	
130	Med	Notif	11:56						1			Civilian	LE	Unknown	Unknown		Yes				Paradise	PPD-08	Incomp	Notif Only	1	39.760980	-121.622983	
131	Pick-up	Rescue	12:00	12:00		0			1			LE	LE	On foot	Transp to Other						Paradise	TD-065	Incomp	Encounter	1	39.748716	-121.609805	
132	Pick-up	Rescue	12:00	12:00		0			1			FD	FD	On foot	Transp to Other						Paradise	TD-111	Incomp	Encounter	2	39.748613	-121.589502	
133	Entrap	Rescue		12:00					1			FD	FD	On foot	Transp to Other	Yes			5		Concow	TD-027	Incomp	Encounter	2	39.789230	-121.512911	
134	Pick-up	Rescue	12:00	12:00		0			1			FD	FD	On foot	Transp to TRA					L	Paradise	TD-118	Incomp	Encounter	1	39.759475	-121.613774	
135	Asst	Rescue	12:02	12:03	12:12	1	9	10	1			Civilian	LE	Residence	Transp to Other						Paradise	TD-070, PPD-08, PPD-10	Comp	Response	6	39.749286	-121.624136	
136	Entrap	Notif	12:08						2	+	20	FD Dispatch	Unknown	Vehicle	Unknown				20		Paradise	TD-014	Incomp	Notif Only	1	39.736998	-121.648789	
137	Entrap	Rescue	12:10	12:10	13:11	0	61	61	2			FD Dispatch	FD	Residence	Fatality						Paradise	TD-110, TD-130, TD-208	Comp	Response	5	39.741017	-121.606229	
138	Entrap	Notif	12:11						1			LE Dispatch	Unknown	Residence	Fatality		Yes				Paradise	PPD-08	Incomp	Notif Only	1	39.741657	-121.588758	
139	Pick-up	Rescue		12:14					1			FD	FD	Unknown	Transp to Other				4		Paradise	TD-042	Incomp	Undet	1	39.790078	-121.591556	
140	Pick-up	Rescue	12:20	12:20		0			1			FD	FD	On foot	Transp to TRA			Yes		V	Paradise	TD-111	Incomp	Encounter	1	39.773391	-121.595609	

EA/R ID	Event Class	Response Action	Time of Notif / Direct Obs	Time of Rescue / Resp Att	Time of Concl	Rescue Resp Time (min)	Rescue Dur'n (min)	Event Dur'n (min)	Head Count	HC +	Est Min Reas Add'l Head Count	Notif/Encounter Source	Particip First Responder	Rescue Circum	Outcome	Injury	Pre-X	Animals	BO ID	TRA ID	Location	Source	Comp/Incomp Seq	Encounter	Data				
																									Points	Latitude	Longitude		
141	Entrap	Rescue	12:30	12:30		0			25			FD	FD	Vehicle	Escort to TRA						P	Paradise	TD-127	Incomp	Encounter	3	39.783505	-121.600093	
142	Med	Rescue			12:36				1			Unknown	FD	Unknown	Transp to TRA	Yes					O	Paradise	TD-014	Incomp	Undet	1	39.748773	-121.593964	
143	Entrap	Rescue	12:44	12:44		0			1			Civilian	Civilian	Other	Other	Yes						Radio Log	Incomp	Undet	1	39.363518	-121.685873		
144	Pick-up	Notif	12:47						2			FD	FD	On foot	Unknown							Paradise	TD-129	Incomp	Notif Only	1	39.755999	-121.597343	
145	Entrap	Rescue	12:48	12:48		0			1			FD	FD	Residence	Transp to TRA						E	Paradise	TD-020	Incomp	Encounter	2	39.747683	-121.593784	
146	Pick-up	Rescue	12:51	12:51	12:54	0	3	3	1			FD	FD	On foot	Transp to Other							Concow	TD-062	Comp	Encounter	1	39.730564	-121.529593	
147	Entrap	Rescue		12:53	13:00		7		2			Unknown	FD	On foot	Transp to TRA		Yes				K	Paradise	TD-015	Incomp	Undet	1	39.780467	-121.589150	
148	Asst	Rescue	12:55	12:55	13:11	0	16	16	2	+	2	FD Dispatch	FD	Vehicle	Escort to Other							Paradise	TD-112	Comp	Response	2	39.773213	-121.632333	
149	Pick-up	Rescue	13:00	13:00		0			5	+	5	FD	FD	Other	Transp to TRA						P	Paradise	TD-100	Incomp	Encounter	1	39.770483	-121.621767	
150	Pick-up	Rescue	13:10	13:10		0			2	+	0	LE	LE	On foot	Form TRA						W	Paradise	TD-076	Incomp	Encounter	1	39.763073	-121.620421	
151	Med	Notif	13:11						1	+	0	FD	FD	Vehicle	Unknown	Yes						Paradise	TD-009	Incomp	Notif Only	1	39.777738	-121.590653	
152	Pick-up	Rescue		13:12	13:33		21		2			FD	FD	On foot	Transp to Other							Paradise	TD-210	Incomp	Undet	1	39.759517	-121.604150	
153	Entrap	Res Att	13:23	13:25	13:33	2	8	10	2	+	0	FD Dispatch	FD	Residence	Not Present							Paradise	TD-014, TD-110, TD-112	Comp	Response	6	39.748140	-121.609663	
154	Entrap	Rescue	13:33	13:33		0			1			Unknown	FD	Residence	Refuse to Leave							Paradise	TD-110	Incomp	Response	1	39.740967	-121.607544	
155	Entrap	Res Att	13:47	13:47	13:59	0	12	12	1			FD Dispatch	FD	Residence	Unable to Access							Paradise	TD-111	Comp	Response	1	39.784337	-121.599583	
156	Pick-up	Rescue	14:00	14:00		0			1			LE	LE	Residence	Transp to TRA		Yes				W	Paradise	TD-065	Incomp	Encounter	2	39.766477	-121.616507	
157	Asst	Res Att	14:03	14:07	14:11	4	4	8	1			FD Dispatch	FD	Residence	Unknown		Yes					Magalia	TD-009, TD-061, TD-085	Comp	Response	3	39.813047	-121.591881	
158	Med	Rescue		14:09					3			Civilian	LE	Vehicle	Escort to Other	Yes	Yes					Paradise	TD-014	Incomp	Response	1	39.776815	-121.590343	
159	Pick-up	Rescue	14:14	14:14		0			1			FD	FD	On foot	Transp to Other							Paradise	TD-118	Incomp	Encounter	1	39.769810	-121.612492	
160	Pick-up	Rescue	14:14	14:14		0			2	+	0	FD	FD	On foot	Transp to TRA							W	Paradise	TD-118	Incomp	Encounter	1	39.769795	-121.612349
161	Entrap	Rescue		14:25					1	+	1	Unknown	Unknown	Residence	Unknown							Paradise	TD-065	Incomp	Undet	1	39.756642	-121.574765	
162	Entrap	Rescue	14:29	14:29	14:38	0	9	9	1			Civilian	FD	On foot	Transp to TRA	Yes					O	Paradise	TD-124	Comp	Response	1	39.746767	-121.593833	
163	Pick-up	Rescue	14:30	14:30		0			1			FD	FD	On foot	Unknown		Yes					Paradise	TD-055	Incomp	Encounter	1	39.778341	-121.605646	
164	Pick-up	Rescue		14:34	14:48		14		2			FD	FD	On foot	Transp to TRA							Q	Paradise	TD-122	Incomp	Undet	1	39.748550	-121.609217
165	Asst	Rescue		14:35	14:58		23		9			Other	FD	Other	Escort to TRA							Q	Paradise	TD-132, TD-142	Incomp	Response	2	39.756605	-121.612638
166	Entrap	Rescue		14:40					1			FD Dispatch	FD	Residence	Transp to TRA							K	Paradise	TD-111	Incomp	Response	1	39.777124	-121.590517
167	Asst	Res Att		14:40					1			Unknown	FD	Residence	Not Present							Paradise	TD-111	Incomp	Response	1	39.797205	-121.580949	
168	Entrap	Notif	14:41						10	+		LE Dispatch	Unknown	Residence	Unknown							Paradise	PPD-15	Incomp	Notif Only	2	0.000000	0.000000	
169	Entrap	Res Att	14:50	14:50	14:53	0	3	3	2	+	2	LE Dispatch	LE	Residence	Unable to Access							Paradise	TD-066, TD-070	Comp	Response	2	39.773125	-121.630041	
170	Entrap	Notif	14:52						2			LE Dispatch	Unknown	Residence	Fatality		Yes					Paradise	PPD-15	Incomp	Notif Only	1	39.740719	-121.589439	
171	Pick-up	Rescue	14:59	14:59	15:08	0	9	9	1			LE	LE	On foot	Transp to TRA							W	Paradise	TD-069	Comp	Encounter	3	39.752439	-121.607611
172	Entrap	Rescue	14:59	14:59	15:09	0	10	10	1			LE Dispatch	LE	Residence	Transp to Other		Yes					Paradise	TD-066, TD-074, PPD-15	Comp	Response	5	39.764473	-121.613496	
173	Entrap	Res Att	15:05	15:05	15:25	0	20	20	3			Civilian	LE	Vehicle	Not Present							Paradise	PPD-15	Comp	Response	5	39.764086	-121.574533	
174	Asst	Rescue	15:10	15:10	15:24	0	14	14	3			Civilian	LE	Residence	Transp to TRA		Yes	Yes				W	Paradise	TD-066, TD-069, PPD-15	Comp	Response	4	39.760829	-121.625473
175	Asst	Res Att		15:15					2	+	2	LE Dispatch	LE	Residence	Unable to Access							Paradise	TD-076	Incomp	Response	1	0.000000	0.000000	
176	Entrap	Res Att		15:15	15:48		33		1	+	1	LE Dispatch	LE	Residence	Unable to Access							Paradise	TD-071	Incomp	Response	2	39.753833	-121.620681	
177	Asst	Notif	15:40						2	+	2	LE Dispatch	Unknown	On foot	Unknown							Paradise	PPD-15	Incomp	Notif Only	1	0.000000	0.000000	
178	Pick-up	Rescue	15:52	15:52		0			3			FD	FD to LE	On foot	Transp to Other							Paradise	TD-014	Incomp	Encounter	1	39.758205	-121.624762	
179	Asst	Rescue	16:00	16:00		0			1			Unknown	LE to FD	Residence	Transp to Other							Paradise	TD-065	Incomp	Response	1	39.775522	-121.595430	
180	Entrap	Rescue	16:13	16:13	16:26	0	13	13	1			Civilian	FD	Residence	Civilian Transp		Yes					Paradise	TD-123	Comp	Response	1	39.760367	-121.640017	
181	Pick-up	Rescue		16:33					2	+	2	Unknown	FD	Residence	Unknown							Paradise	TD-111	Incomp	Undet	1	39.736000	-121.623189	
182	Asst	Rescue		16:34	17:45		71		1			FD	FD	Residence	Refuse to Leave							Paradise	TD-108	Incomp	Response	2	39.796235	-121.582648	
183	Entrap	Rescue	16:50	16:50	17:30	0	40	40	2			FD Dispatch	FD	Residence	Escort to Other							Paradise	TD-014, TD-123	Comp	Response	4	39.778814	-121.624444	
184	Pick-up	Rescue	16:55	16:55	17:05	0	10	10	2			FD	FD to LE	On foot	Transp to Other		Yes					Paradise	TD-014	Comp	Encounter	2	39.765405	-121.626297	
185	Asst	Rescue		17:14	19:26		132		2	+	8	Unknown	Unknown	Unknown	Transp to TRA		Yes					Z	Magalia	TD-059	Incomp	Undet	1	39.815026	-121.590487
186	Entrap	Rescue		17:23	18:10		47		2			FD	FD	On foot	Medical Transp	Yes						Paradise	TD-014, TD-128, TD-203, TD-205	Incomp	Encounter	4	39.777621	-121.620824	
187	Asst	Rescue			18:41				2	+	2	Unknown	FD	Residence	Unknown							Paradise	TD-017	Incomp	Undet	1	39.757806	-121.648447	
188	Pick-up	Rescue	18:46	18:46	19:02	0	16	16	1			FD	FD	On foot	Transp to TRA			Yes				K	Paradise	TD-030	Comp	Encounter	1	39.776333	-121.590383

EA/R ID	Event Class	Response Action	Time of Notif / Direct Obs	Time of Rescue / Resp Att	Time of Concl	Rescue Resp Time (min)	Rescue Dur'n (min)	Event Dur'n (min)	Head Count	HC +	Est Min Reas Add'l Head Count	Notif/ Encounter Source	Particip First Responder	Rescue Circum	Outcome	Injury	Pre-X	Animals	BO ID	TRA ID	Location	Source	Comp/ Incomp Seq	Encounter	Data Points	Latitude	Longitude	
189	Asst	Notif	19:44						2	+	2	FD Dispatch	Unknown	Residence	Unknown						Other	TD-012	Incomp	Notif Only	1	39.735227	-121.766497	
190	Entrap	Res Att		20:22					1	+	1	Unknown	FD	Residence	Unknown						Paradise	TD-127	Incomp	Response	1	39.772723	-121.616042	
191	Pick-up	Rescue			21:52				1			Civilian	Civilian	Vehicle	Other						Paradise	TD-200	Incomp	Encounter	1	39.776750	-121.626883	
192	Entrap	Rescue	22:11	22:11	22:52	0	41	41	1	+	1	FD Dispatch	FD	Residence	Refuse to Leave						Paradise	TD-020, TD-055	Comp	Response	4	39.735889	-121.585016	
193	Entrap	Rescue	23:30	23:30	00:37	0	67	67	1			FD	FD	Residence	Civilian Transp						Magalia	TD-126	Comp	Encounter	1	39.834203	-121.571201	
194	Pick-up	Rescue							1			FD	FD	On foot	Transp to TRA	Yes				E	Paradise	TD-103	Incomp	Encounter	1	0.000000	0.000000	
195	Entrap	Rescue		02:30					1			FD	FD	Residence	Transp to Other						Magalia	TD-041	Incomp	Encounter	1	39.818631	-121.591974	
196	Entrap	Rescue	07:10	07:10	07:22	0	12	12	1			FD	FD	Residence	Transp to TRA				18	AA	Magalia	TD-128, TD-203, TD-207	Comp	Encounter	3	39.814567	-121.608600	
197	Asst	Rescue		08:02	09:30		88		2	+	4	FD	FD	Residence	Transp to TRA						AA	Magalia	TD-045	Incomp	Encounter	1	39.836287	-121.590722
198	Asst	Rescue		09:09	09:24		15		2			FD	FD	Residence	Transp to TRA						AA	Magalia	TD-087	Incomp	Undet	1	39.846615	-121.585351

Appendix L. Technical Discussion Comments

Technical discussions often included statements or comments about the incident or WUI fire in general that were not directly related to establishing the incident timeline or linked to a specific observation. The comments came from a broad range of perspectives and contain a large number of valuable observations from a range of different first responders.

The comments are included here as transcribed from the TD and include estimates of distances or lengths, generalized comments, suggestions, and personal opinions based on individual experience, local perspective, and situational awareness. Assessment of the implementation and feasibility of suggestions is beyond the scope of this report; however, they are included within the context of this event, and for other communities to consider and explore.

The following are the ten categories used to sort the TD comments. Keywords were further used in each category to organize the TD comments.

1. Pre-Planning/Mitigation: efforts that are taken pre- or post-event to limit the loss of life and property in the event of a disaster. This includes egress, mitigation, notification, planning, and regulations. (see Table 39 in Appendix G of NIST TN 2135)
2. Pre-Fire Hazard: any type of hazard that exists prior to and contributed to the wildfire event. This primarily consists of vegetation and fuel loads. (see Table 40 in Appendix G of NIST TN 2135)
3. Fire Behavior: the way fuel ignites, flames develop, and fire spreads, including other related interactions of weather, topography, and fuels. This category includes but is not limited to ambient conditions, embers, flames, fire history, and vegetation. (see Table 41 in Appendix G of NIST TN 2135)
4. **Evacuation/ Notifications: protective actions before or during an emergency to help save lives of residents and first responders. This includes evacuation planning, practice drills, notifications, egress, contraflow, hazards, and special needs.**
5. Response: strategies of monitoring, confining, containing, point protection, and suppression in response to controlling a wildfire. This includes but is not limited to fire conditions, crews, firing methods, equipment, hazards, suppression, training, and water supply.
6. Operations: execution of a given set of tactical actions for containing/controlling a wildfire during the incident. This includes communication, coordination, equipment, resources related to needs, and availability.
7. High-Level/Other Agencies: coordination and mitigation efforts among federal, state, and local agencies. This includes but is not limited to multi-agency involvement or needs, coordination efforts, communications, and resource availability.
8. Equipment: equipment and personnel focusing on the use of specialized equipment, training, and tactics to effectively control, surround, and eventually extinguish a wildfire.
9. Training: focused on quality of training, additional training needs, and equipment related to issues and preparedness throughout the event.
10. Other Responses: important comments that do not fall into the other nine categories.

The following table includes TD comments related to Evacuation and Notification (Table L-1), sorted by keyword. The remaining categories will be presented within the relevant NIST Camp Fire report.

Table L-1. NETTRA comment notes from technical discussions.

TD	Keyword	Comments
TD-027	animals	need framework for animal evacuation from non-threatened long-term mandatory evacuation areas
TD-047	B-Line buses	people at shelter are not always those who need transport, some have personal vehicle; officials count heads but not cars, leads to bad info to buses and ask for more bus capacity than needed
TD-048	B-Line buses	prepared two B-Line buses for evacuation of neighborhood church shelter if needed
TD-049	B-Line buses	transit bus too big to easily maneuver in small streets and traffic
TD-056	B-Line buses	limited mobility of big buses, used small buses to bring people to the big buses
TD-057	B-Line buses	B-Line was there for the community; don't know how we could have done more
TD-059	B-Line buses	initially had a FF and LE in some of the buses in the convoy for directions and instructions
TD-059	B-Line buses	did not like that LE and FF left the bus driving from Optimo to Kmart
TD-059	B-Line buses	buses were assigned LE or FF in the bus to help drive up into Paradise
TD-114	B-Line buses	feel that the buses should have been sent in earlier
TD-114	B-Line buses	heard that 131 people were taken out on buses
TD-114	B-Line buses	felt the bus convoy was well organized, but didn't understand the timeline
TD-114	B-Line buses	would not have worried about the bus getting harmed, if we could have saved more people
TD-058	communication	bus radio communication was not working
TD-015	contraflow	one-way evacuation was not a required immediate decision, it was based on fire and traffic conditions
TD-032	contraflow	people resisted the contraflow; wanted to drive on normal side of roadway
TD-066	contraflow	better coordination to flow traffic out of town
TD-091	contraflow	traffic was a big deal; lots of people driving contraflow
TD-015	coordination	LE has jurisdiction for evacuations
TD-047	coordination	B-Line was not involved in Paradise evacuation plan development
TD-047	coordination	B-Line supported Urban Search and Rescue (USAR) teams 3 to 5 days after fire
TD-067	coordination	having Chico on board with evacuation plan would help; there was a disconnect with Chico
TD-068	coordination	plan to evacuate Paradise did not include Chico
TD-118	coordination	coordination between Cal Fire and USFS on evacuation will enhance overall response
TD-015	drill	pre-planned one-way traffic brochure - practiced the Pearson Rd merge during a random morning rush hour
TD-026	drill	evacuation practice in early spring 2018, advertised by the town
TD-104	drill	evacuation drills were only zone by zone
TD-118	drill	after the Rim Fire 2003-2005 used to do mock evacuations with Cal Fire including Butte County and others
TD-118	drill	evacuation planning must consider different fire scenarios and directions
TD-127	drill	civilians need better evacuation knowledge
TD-014	egress	One way in/out; need multiple egress points
TD-017	egress	stop evacuation from Magalia from going south
TD-017	egress	were evacuation routes wide enough? CA-99 bottleneck was a problem

TD-017	egress	evacuation of TRA [<i>in the afternoon from Feather River Hospital, TRA-E</i>] began without checking if the road was clear. Had to bring them all back.
TD-017	egress	abandoning vehicles was a big issue (due to fire or running out of gas)
TD-017	egress	pave old railroad grade that turns into bike path all the way to Chico; could be ingress for response equipment to get into town.
TD-019	egress	Caltrans equipment on Skyway was blocked by traffic (message boards, cones, etc.) and was inaccessible
TD-019	egress	everybody in Paradise wanted to evacuate to Chico
TD-026	egress	people in Paradise knew of limited egress
TD-032	egress	need more lanes out
TD-033	egress	more access routes off the hill
TD-034	egress	a number of cars were pushed off road because they ran out of gas; people got into other random cars
TD-034	egress	when Clark Rd and Pearson Rd was directed toward Skyway some people wanted to follow the prescribed evacuation route down Clark Rd
TD-035	egress	need a 4-lane road from Magalia all the way to Interstate 5
TD-035	egress	many people blaming bump outs on Skyway in Paradise; not the main issue; problem was down in Chico
TD-038	egress	difficult to evacuate everybody at once with existing routes
TD-043	egress	people will go the way they know, so use this to anticipate
TD-056	egress	need better ways to get people out, bigger roads
TD-057	egress	another access road is needed other than only Skyway for evacuation
TD-063	egress	in 2008 fire to south part of town was localized; blocked southern arteries but were able to evacuate to the north
TD-064	egress	Skyway was the best route out but had backup problems
TD-065	egress	bottom of Neal Rd bottleneck, coordination maybe could have avoided problems
TD-074	egress	could not have evacuated town any faster; had every available road in use
TD-076	egress	more organized than the Oroville Dam evacuations; fewer choices for routes out, so decisions were more straightforward
TD-076	egress	Paradise only has 3 ways out
TD-076	egress	95% of drivers obeyed, a small percentage of distressed civilians did not follow directions [<i>anecdotal approximation</i>]
TD-084	egress	evacuation arteries not big enough; extra lanes to push people out to more survivable grass area (i.e., pave between Skyway to add 2 more lanes)
TD-084	egress	fire hit all evacuation routes at once
TD-090	egress	after 2008 fire, there was a big fight and push to pave Skyway past Stirling City, but not many people took that route out this time; most wanted to go down Skyway because of familiarity
TD-090	egress	beautiful place, but contributes to egress issues
TD-100	egress	stoplights in Chico and stop signs affected evacuation from Paradise
TD-101	egress	Sheriff was directing traffic in Paradise
TD-110	egress	evacuation routes served really well
TD-114	egress	town is prone to fire, and has limited evacuation routes
TD-114	egress	evacuation choke points were a major issue
TD-116	egress	evacuation routes were a problem for Paradise and Magalia; trees and vegetation around roadways burning and falling
TD-127	egress	people terrified to drive north; some didn't have enough fuel
TD-129	egress	why were people sent down Pearson Rd? How did this jam initiate?
TD-206	egress	glad the abandoned school bus on Skyway was mostly off the road, not blocking entire road
TD-207	egress	traffic was biggest issue; civilians were sitting ducks
TD-056	hazards	got warm inside [<i>B-Line transit</i>] bus even though air-conditioner was running; flames on both sides of road
TD-100	hazards	chaotic, scary driving around with poles, trees, and lines coming down

TD-002	notification	notified of evacuation warnings, but then power went out and couldn't get updates
TD-009	notification	civilians slow to leave in Magalia, no urgency; street felt removed from the threat, wouldn't listen to FF
TD-011	notification	published initial evacuation zones and zone map on Facebook by 8:15am
TD-017	notification	AM radio, cell phones, TV, weather service radio warning system are all options
TD-026	notification	King City uses air-raid siren for notification
TD-037	notification	people did not know to evacuate; some people didn't get calls; personally, did not get call at home
TD-086	notification	homeowners don't appreciate the urgency of evacuation orders "yeah, yeah, we're packing up and will leave in an hour"
TD-108	notification	saw people hanging out instead of evacuating - had intentions to stay and defend
TD-116	notification	not aware of any evacuation notification messages
TD-118	notification	contacted several friends and told them to evacuate
TD-123	notification	evacuation method we implemented using the horn and picking up people
TD-127	notification	plenty of LE for evacuation, good plan in place, but reverse 911 didn't work due to power outages
TD-206	notification	Strike team leader had efficient evacuation notification method: two FF per engine on foot on either side of street, engine following behind; 15 s to 20 s per house - targeting homes with cars outside
TD-002	plan	experienced previous evacuations and had been re-routed several times
TD-015	plan	5th version of town evacuation plan; detailed traffic plan including contraflow. 2016 held a large drill with Cal Fire near Wayland Rd
TD-015	plan	residents had heard about evacuation plan, even if they hadn't practiced; the pre-plan was there
TD-015	plan	Combined Paradise/Magalia evacuation plan in 1998
TD-015	plan	version 5 of evacuation plan 2017/2018; Honey Fire October 2017; plan mailed to every resident in April 2018, includes "Ready Set Go" framework
TD-015	plan	state funds for mailing of evacuation plan to county areas; private donations for Paradise mailings
TD-015	plan	evacuation plan was distributed to top brass in LE, but cannot confirm that details were effectively distributed to officers
TD-015	plan	extremely detailed evacuation plan - prioritized action-item list with delegation and number of resources required
TD-015	plan	full-town evacuation was not in the plan; focus on detailed evacuation of each zone
TD-015	plan	used evacuation plan during the 2017 Ponderosa Fire
TD-041	plan	need evacuation awareness to public about ability to drive over downed powerlines; multiple delays due to people stopping at downed lines
TD-042	plan	people were more in tune to evacuation and emergency response due to planning and preparedness; helped evacuations work
TD-066	plan	better labeling of evacuation routes
TD-067	plan	2008 evacuation was rough; preplanning helped and so this evacuation was better
TD-068	plan	evacuation worked
TD-068	plan	road shoulder issue is a problem; no shoulder on Neal Rd; who owns the shoulder space, town or individuals?
TD-069	plan	2008 fire took 14 hours to evacuate town
TD-070	plan	Humboldt Fire took 14 hours to evacuate; this event demonstrates significant improvements
TD-073	plan	mailers about evacuation plan were sent to all addresses in Paradise
TD-087	plan	evacuation plan was a good idea
TD-101	plan	evacuation plan can be improved; this is always the case
TD-111	plan	Paradise is not equipped to evacuate everyone all at once

TD-127	plan	evacuation was not a failure
TD-143	plan	amazed at how well the evacuation worked
TD-204	plan	trying to use Camp and Carr Fires to plan for possible evacuation plans in other communities
TD-204	plan	100 to 150 kids attending summer camps in [<i>rural/mountain areas</i>]; counselors don't have vehicle capacity to evacuate
TD-204	plan	schools/camps in [<i>rural/mountain areas</i>] are asking for evacuation planning help
TD-209	plan	evacuation plans need to be more advertised
TD-017	rescue	some rescues you would actually find people, other times no one actually there; wasting time trying to find people who already left after calling for rescue
TD-032	rescue	supervisor ordered us to evacuate; we stayed to help get people off the hill
TD-103	rescue	got people evacuated while trying to find homes to defend but can't do both, so priority is evac/rescue
TD-056	response	great job utilizing resources for evacuation
TD-061	response	when is the right time to switch from suppression to evacuation?
TD-009	special needs	requests for evacuation assistance of people with various/multiple disabilities (e.g., mobility, vision, etc.)
TD-034	special needs	elderly driving very slowly holding back traffic
TD-038	special needs	multiple cars stuck at Bille Rd/Pentz Rd were from hospital and had patients inside
TD-055	special needs	evacuations went great; huge town with older population, many less mobile
TD-056	special needs	had a wheelchair evacuee on bus
TD-114	special needs	mobility of civilian needs to be assessed in context of evacuation
TD-127	special needs	older populations impact evacuation ability
TD-155	special needs	precautionary evacuations of care facilities in Chico
TD-084	TRA	TRA in town - have a park or something for people to shelter; avoid bottlenecks
TD-085	TRA	big beneficial lesson = TRA's; saved hundreds to thousands; make sure people know to get to them
TD-110	TRA	safety zone [<i>Camelot Wild Fire Safety Zone, TRA-A</i>] in Concow was a huge success, probably could have put more people there
TD-111	TRA	knew CMA church [<i>TRA-V</i>] and Kmart [<i>TRA-K</i>] were good parking lots; wasn't instructed to take people there, just did
TD-034	traffic	people followed lines of cones easier than a person directing traffic (cones at Buschmann Rd and Clark Rd; people at Skyway and Pearson Rd)
TD-034	traffic	if there was a traffic cone curve on Skyway at Pearson Rd, the merge would have gone better
TD-066	traffic	confusion with regular traffic on CA-99 and emergency evacuation traffic coming off hill
TD-069	traffic	CHP not allowing traffic to flow at Neal Rd and CA-99 [<i>traffic backed up for miles into Paradise</i>]
TD-017	utilities	underground power lines would be good; benefits would be evacuations, trapped people, accessibility to locations and reduced ignitions.
TD-017	utilities	power poles were more common than trees across road
TD-014	vegetation	road clearance of vegetation to avoid vehicle impingement
TD-033	vegetation	need better vegetation fuel breaks off the roadways; roads were not safe because of vegetation proximity
TD-008	zone	never thought all zones would evacuate at same time
TD-015	zone	alternate to zoned evacuation is that it is "all or nothing"
TD-069	zone	evacuation zones work on smaller scale, the system failed in this larger scenario
TD-075	zone	evacuation by zone is best way
TD-116	zone	evacuation zones probably saved a lot of lives

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